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ICHTHYOPLANKTON AND STATION DATA FOR CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS SURVEY CRUISES IN 1966

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U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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ABSTRACT

This report provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) cruises conducted off California and Baja California in 1966. It is the sixteenth report in a series that presents these data for all biological-oceanographic CalCOFI surveys from 1951 to the present. A total of 1977 stations was occupied during 11 monthly multivessel cruises over a survey area which extended from Pt. Reyes, California to Pt. San Juanico, Mexico and seaward to several hundred miles. The data are listed in a series of 6 tables; the background, methodology, and information necessary for interpretation and quantitative analysis of the data are presented in an accompanying text. All pertinent station and tow data, including volumes of water strained and standard haul factors, are listed in the first table. Another key table lists, by station and month, standardized counts of each of the 156 larval fish categories identified from survey samples. This and previous and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the newly developed computer data base.

INTRODUCTION

This report, the sixteenth of a series, provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) joint biological-oceanographic survey cruises conducted in 1966. This program was initiated in 1949, under the sponsorship of the Marine Research Committee of the State of California, to study the population fluctuations of the Pacific sardine (*Sardinops sagax*) and the environmental factors that may play a role in such fluctuations. CalCOFI, known as the California Cooperative Sardine Research Program from 1949 to 1953, was made up of representatives of the South Pacific Fisheries Investigations (SPFI) of the U.S. Fish and Wildlife Service [now the La Jolla Laboratory, National Marine Fisheries Service (NMFS)], the Scripps Institution of Oceanography (SIO), the California Department of Fish and Game (CDFG), the California Academy of Sciences (CAS) and the Hopkins Marine Station of Stanford University. The first three of these agencies supplied ships and personnel to conduct the sea surveys. NMFS processed the plankton samples and analyzed the ichthyoplankton from them. SIO processed and analyzed the hydrographic samples and measurements and also analyzed invertebrate groups from the plankton samples.

The boundaries, station placement, and sampling frequency for the CalCOFI survey area were based on the results of joint biological and oceanographic cruises conducted by NMFS and SIO during 1939-41. Those cruises were designed to collect sardine eggs and larvae and associated hydrographic data over the entire areal and seasonal spawning range of the species. On these survey cruises, plankton tows were made to 70 m, a depth which

encompassed the vertical distribution of sardine eggs and larvae. Wide-ranging joint biological and oceanographic survey cruises were resumed in 1949 with sardine as the focus; however, an increasing interest in other biological components resulted in the deepening of standard tows to 140 m in 1951. This marked the beginning of truly quantitative ichthyoplankton sampling on CalCOFI surveys.

Data resulting from CalCOFI surveys in 1966 have been published in a number of forms. Hydrographic data (Univ. of Calif., SIO, 1968, 1969) and zooplankton volumes (Smith, 1971) were presented in standard formats. Distributional maps of larvae of 5 taxa taken on CalCOFI surveys during 1966 are presented in the CalCOFI Atlas series: jack mackerel (*Trachurus symmetricus*) and Pacific hake (*Merluccius productus*), Ahlstrom, 1969; Pacific sardine (*Sardinops sagax*), Kramer, 1970; rockfish (*Sebastes* spp.), Ahlstrom et al., 1978; northern anchovy (*Engraulis mordax*), Hewitt, 1980.

A computer data base for eggs and larvae of sardine and anchovy, for larvae of hake, jack mackerel and Pacific mackerel (*Scomber japonicus*), and for eggs of Pacific saury (*Cololabis saira*) was established in 1969. The development of a data base for other fish larvae is a complex undertaking because competency of identification has evolved steadily over the past 38 years. We began the task of producing a CalCOFI ichthyoplankton data base and associated data report series in 1983. All available original records for 1966 were subjected to an extensive verification and editing process to produce this report. This and previous (Ambrose et al., 1987a,b,c; 1988; Sandknop et al., 1987a,b; 1988a,b; Stevens et al., 1987a,b,c; 1988; Sumida et al., 1987a,b; 1988) and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the computer data base. The data base will be modified when additional errors are discovered and when composite taxa from the earlier years are reidentified. These reports are the fundamental reference documents against which subsequent changes in the data base can be compared.

SAMPLING AREA AND PATTERN

In 1966, CalCOFI survey cruises were conducted at monthly intervals, except for part of March. A total of 1977 stations included in this data base was occupied on 11 cruises, with an average of 180 stations per cruise (range 80-236). Coverage of the survey station pattern varied among cruises and the entire survey area was not covered on any single cruise (Figures 1-12, Table 1). Waters off northern California (lines 40-57) were not occupied in 1966. Sampling off central California (lines 60-77) was conducted on six of the eleven cruises: in January, late March-April, June, July, October and December. The area between Pt. Conception, California and Pt. San Juanico, Baja California (lines 80-137) was surveyed on seven cruises. Line 120 off Punta Eugenia, Baja California, was the southernmost line surveyed in

February and September, and line 103 the southernmost line covered in June. Coverage extended seaward to station 140 (approximately 350-460 miles offshore) on lines 90 and 93 in December (Cruise 6612) but typically did not extend beyond station 90 or 100 (approximately 160-300 miles offshore) on most cruises[1]. Some inshore stations were occupied during 1966 which were not covered on early CalCOFI surveys. These stations are included in the data base (Table 1) but omitted from the station plots (Figures 2-12).

Three vessels were employed on these cruises: the *Alexander Agassiz* of SIO, the *Alaska* of CDFG, and the *David Starr Jordan* of NMFS. One or two vessels participated on each cruise, with the *Agassiz* employed on six cruises, the *Alaska* on one cruise (6604) and the *Jordan* on nine (Univ. of Calif., SIO, 1968, 1969).

Cruise 6611 was not a CalCOFI cruise but a Scripps Tuna Oceanography Research (STOR) cruise numbered TO-66-1 conducted aboard the NMFS vessel *David Starr Jordan*. Coverage extended from north of Descanso Bay, Baja California (line 97) to the area off Cape San Lucas, Baja California (line 153), seaward to station 60 on about half of the southern end of the pattern (Fig. 11). Plankton samples collected from this cruise were processed by NMFS as standard CalCOFI samples, and the resulting ichthyoplankton data were included in the CalCOFI data base. Summary reports for this cruise are published in Univ. of Calif., SIO (1967).

SAMPLING GEAR AND METHODS

The standard CalCOFI net used from 1949 to 1969 had a 1-m diameter mouth opening (0.785 m^2 area) and an overall length of about 5 m. The net was constructed of 30xxx gauze, a heavy duty grade of silk bolting cloth, with a mesh size of 0.55 mm after shrinkage. The last 40 cm of the cone and the cod end were constructed of 56xxx grit gauze which had a mesh size of 0.25 mm after shrinkage. The net ring was fastened to a short 3-lead

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[1]CalCOFI lines (Figure 13) are arranged perpendicular to the coastline and extend from the Canadian border (line 10) to below Cape San Lucas, Baja California (line 157). Stations were established on the basis of a perpendicular to line 80 (off Pt. Conception) at a point designated as station 60. Stations were plotted seaward and shoreward from station 60 on each line. Cardinal CalCOFI lines (those ending in "0") are 120 miles apart and usually bracket two ordinal lines (ending in "3" or "7"), so that lines are 40 miles apart over most of the pattern. Cardinal stations are 40 miles apart and typically these are separated by a station number ending in "5" so that stations are 20 miles apart out to station 90 on most lines. Stations are placed at closer intervals near the coast and islands to accommodate these features (see Kramer et al., 1972 for further details).

bridle connected to several meters of line which attached to the towing cable by a clamp. A current meter was suspended in the center of the net mouth to measure volume of water filtered (see Kramer et al., 1972, for further details).

The standard tow from 1951 through 1968 was an oblique haul to 140 m depth (to 15 m of the bottom in shallow areas) designed to filter a constant amount of water per depth interval (ca. $3m^3/m$ of depth) over the vertical range of most ichthyoplankters. Hauls were made at a ship speed of 1.5-2.0 knots and initiated by clamping the net line to the towing cable with the 45 kg terminal weight about 10-15 m below the surface. The net was lowered to 140 m depth by paying out 200 m of wire over a 4 minute period (35 m of depth/min.). After fishing at depth for 30 seconds, the net was retrieved at 20 m/min. (14 m depth/min.). The angle of stray of the towing cable was recorded every 30 seconds and maintained at 45° (±3°) by adjusting the ship speed and course. After reaching the surface, the net was washed down and the samples preserved in 5% formalin buffered with sodium borate. Flowmeter readings were made at the beginning and end of each tow. Detailed descriptions of gear and methods are given by Ahlstrom (1953), Kramer et al. (1972), and Smith and Richardson (1977).

LABORATORY PROCEDURES

Laboratory processing began with the determination of a displacement volume for each sample (methods described in Staff, SPFI, 1953 and Kramer et al., 1972). Zooplankton volumes (including ichthyoplankton) of samples collected in 1966 are presented graphically in Smith (1971).

Sorting involved the removal of ichthyoplankton from the sample and identification and separation of: eggs and larvae of Pacific sardine and northern anchovy; larvae of Pacific hake; and eggs of Pacific saury. In 1966, only one sample was fractioned using a Folsom plankton splitter (McEwen, et al., 1954) prior to sorting. This sample was collected on Cruise 6606, station 63.80 (see Table 1).

A "standard haul factor" (SHF) was calculated for each tow to make them comparable and allow estimations of areal abundance. This factor adjusts the number of eggs or larvae in a haul to the number in 10 m^3 of water strained per meter of depth fished. If the vertical distribution of the species has been encompassed, then the adjusted value is equivalent to the number under 10 m^2 of sea surface. The SHF is calculated for each haul by the formula:

$$SHF = \frac{10\ D}{V}$$

where D = depth of haul = cosine of the average angle of stray of the towing cable multiplied by cable length (m)

V = total volume of water (m^3) strained during the haul

$V = R \cdot a \cdot p$

where R = total number of revolutions of the current meter during the haul

a = area (m^2) of the mouth of the net

p = length of column of water (m) needed to produce one revolution of the current meter.

Tow depth, volume of water strained, and standard haul factor are listed in Table 1 for each tow taken during 1966. Detailed descriptions of factors involved in calculating these values are presented in Ahlstrom (1948), Kramer et al. (1972), and Smith and Richardson (1977).

IDENTIFICATION

Identification of ichthyoplankton species beyond those separated during the sorting process was carried out by a separate group of specialists. Ontogenetic stages of fishes are inherently difficult to identify and this is further complicated by the large number and diversity of species which contribute to the ichthyoplankton of the California Current region. Most identifications were accomplished by establishing ontogenetic series on the basis of morphology, meristics, and pigmentation and then identifying these series by relating them to known metamorphic, juvenile, or adult stages with overlapping features (Powles and Markle, 1984). A total of 154 taxa was identified for 1966, with 90 taken to species, 32 to genus, 28 to family, and 4 to order or suborder. Beginning in 1961, larvae in the families Paralepididae and Labridae were identified to genus or species.

The task of producing a reliable and equitable ichthyoplankton data base required extensive procedures to verify, correct, and edit the original identifications. The primary data source was the original identification sheets (see Kramer et al., 1972, for examples); however, a critical resource used in all phases of this process was the CalCOFI ichthyoplankton collection in which the samples are archived. Throughout the course of CalCOFI ichthyoplankton studies, samples have been identified to the lowest taxon possible. In reviewing these identifications for the data base, our approach has been conservative and we have preserved those identifications and counts which we could confirm, while correcting as many of the

errors as possible. After computer entry, taxonomic errors and inconsistencies in the data base were corrected and the most obvious identification errors were corrected. Our current knowledge of ichthyoplankton techniques coupled with a precise understanding of the development of identification competency in the program over the years allowed us to critically judge the historical records. Identifications were changed to different taxa, lumped to a higher taxonomic category, or given a more precise taxonomic name. In some cases, identifications of a taxon were inconsistent among cruises in a year. These records were made equitable by lumping to the higher taxonomic category to avoid biases that could result in quantitative misinterpretations.

Next, statistical, seasonal, and geographic outliers were identified, employing a series of graphic summaries and listings. Examination of geographic outliers proved to be especially effective because of our accumulated knowledge of species distributions. In the course of examining samples for these outliers, other identification errors were discovered and eventually all taxa were scrutinized to some extent. Lastly, certain taxa were reexamined in all samples for the entire CalCOFI time series. These taxa were selected because of their commercial, ecological, phylogenetic, or zoogeographic importance or because taxonomic confusion was at the ordinal level. The following is a list of the taxa for 1966 which received special attention, with explanations and caveats intended to aid in quantitative interpretations:

Anguilliformes - tentative and sporadic identifications to family or lower taxon lumped to order.

Sardinops sagax - all specimens south of line 120 checked for misidentification of *Opisthonema* spp. Two large samples of sardine larvae, mostly small, poor specimens, contained some *Opisthonema* spp.; however, the entire samples were coded as *Sardinops sagax* since the majority of specimens could not be differentiated. The samples are from: Cruise 6607, station 137.22 (265.9 larvae); Cruise 6608, station 137.23 (274.7 larvae).

Engraulis mordax - some nearshore samples of small *E. mordax* may contain other anchovy genera which could not be differentiated.

Nansenia spp. - all specimens checked and identified as *N. candida* or *N. crassa*; all specimens of these species near their range boundaries checked.

Bathylagus spp. - includes small and/or disintegrated specimens of *Bathylagus* or *Leuroglossus stilbius*.

Bathylagus milleri - specimen checked.

Stomiiformes - all specimens checked and identified to genus or species; residuals are small, poorly preserved or unavailable specimens.

Vinciguerria lucetia - specimens taken seaward of station 100 checked for misidentification of *V. poweriae*; some *V. poweriae* may remain in these samples because small larvae of the two species could not be differentiated; sporadic identification of *V. poweriae* began in 1961.

Sternoptychidae - tentative and sporadic identifications of hatchetfishes to genus were lumped to family.

Bathophilus spp. - all specimens checked.

Photonectes spp. - all specimens checked.

Tactostoma macropus - all specimens checked.

Paralepididae - all specimens examined and identified to species.

Scopelarchidae - tentative and sporadic identifications to genus lumped to family.

Lampanyctus spp. - tentative and sporadic identifications to species lumped to genus.

Lampanyctus regalis - underrepresented because of inability to differentiate small larvae (<5 mm) from those of other species of the genus; counts may include other species of the genus because of difficulty in identifying larvae of this large and complex genus.

Lampanyctus ritteri - comment for *L. regalis* applies to this species.

Triphoturus mexicanus - all specimens taken seaward of station 100 checked for misidentification of *T. nigrescens*.

Benthosema pterota - recognition of this species was inconsistent and some specimens may be included in *Diogenichthys laternatus*.

Diogenichthys atlanticus - all specimens at margins of range checked.

Diogenichthys laternatus - all specimens at margins of range checked.

Electrona rissoi - recognition of this species was inconsistent and others may be included in *Protomyctophum crockeri* or Myctophidae.

Hygophum spp. - all specimens reidentified to species; residuals are small, poorly preserved or unavailable specimens.

Hygophum atratum - all specimens checked.

Hygophum reinhardtii - all specimens checked.

Protomyctophum crockeri - some samples on northern lines may contain *P. thompsoni*, which was not identified originally.

Bregmaceros spp. - all gadiform types (see Index), except *Merluccius productus* and Macrouridae, reexamined.

Ophidiiformes - this category did not exist originally and ophidiiform larvae were included in *Brosmophycis marginata*, "*Otophidium*", "Zoarcidae", and "blenny"; identifications of *B. marginata* proved to be mostly correct and "Zoarcidae" to be a yet unidentified ophidiiform species; all "*Otophidium*" and "blenny" were reexamined and the former included *Ophidion scrippsae*, *Chilara taylori* and other ophidiiform taxa (moved to order); "blenny" contained *O. scrippsae*, *C. taylori*, and other ophidiiform taxa.

Trachipteridae - tentative and sporadic identifications to genus were lumped to family.

Melamphaes spp. - all identifications ascribed to Melamphaidae were reexamined and assigned to genus (*Melamphaes*, *Poromitra*) or species (*Scopelogadus bispinosus*); larvae originally identified as *Melamphaes* spp. were not reexamined and this category may contain other melamphaid genera.

Ophiodon elongatus - specimen checked.

Oxylebius pictus - all specimens checked.

Zaniolepis spp. - all specimens checked.

Sebastes spp. - category may contain other scorpaenid genera, particularly in samples south of line 120.

Labridae - all specimens originally identified to family were reexamined and assigned to genus (*Halichoeres* spp.) or species (*Oxyjulis californica*, *Semicossyphus pulcher*).

Pomacentridae - specimens checked; now includes species other than *Chromis punctipinnis*, primarily in the south.

Chromis punctipinnis - specimens taken south of line 120 checked.

Apogonidae - specimen checked.

Howella brodiei - all specimens checked; originally included in Apogonidae; in this report we list *H. brodiei* in the family Apogonidae for convenience, recognizing that its systematic affinities are not resolved.

Carangidae - most specimens checked; tentative and sporadic identifications to genus or species (except *Trachurus symmetricus* and *Seriola lalandi*) were lumped to family.

Seriola lalandi - all specimens checked.

Gerreidae - tentative and sporadic identifications to genus lumped to family.

Haemulidae - tentative and sporadic identifications to genus lumped to family.

Girella nigricans - all specimens checked.

Medialuna californiensis - all specimens checked.

Caulolatilus princeps - all specimens checked.

Sciaenidae - tentative and sporadic identifications to genus lumped to family.

Scombridae - all larvae identified to this family or constituent taxa (except *Scomber japonicus*) were reexamined and reassigned.

Nomeidae - tentative identifications to genus lumped to family.

Pleuronectiformes - all specimens of this category (originally called "flatfish") were examined and reidentified.

Bothidae - all specimens examined and reassigned; most were assigned to various paralichthyid genera.

Citharichthys spp. - all larvae identified to species were lumped to the genus except *C. stigmaeus*; category includes larvae of *Etropus* spp.

Citharichthys stigmaeus - includes larvae larger than ca. 4.5 mm; smaller larvae are in *Citharichthys* spp.

Paralichthys spp. - all specimens of this genus were examined and most were assigned to *P. californicus* or *Xystreurys liolepis*.

Syacium ovale - all specimens examined.

Xystreurys liolepis - originally misidentified as *Paralichthys californicus*; all specimens reidentified.

Glyptocephalus zachirus - all specimens examined.

Hypsopsetta guttulata - specimens were originally identified as *Pleuronichthys* spp.

Lepidopsetta bilineata - specimens checked; originally identified as *Psettichthys melanostictus*.

Microstomus pacificus - all specimens examined.

Platichthys stellatus - all specimens examined.

Pleuronichthys spp. - all larvae of this genus and constituent species were examined and assigned to species.

Psettichthys melanostictus - all specimens examined.

COMPUTER ENTRY AND EDITING

Each taxon on the original identification sheets was given a 3-digit code based on the list of codes in Haight et al. (1979). Taxon codes and counts from these sheets were keypunched by cruise and station, along with pertinent station and tow data and entered into the VAX 11/780 computer at the University of California, San Diego, Computing Center. After entries were completed for an entire year, print-out listings of taxa and counts on each station were compared with the original data sheets to eliminate keypunch errors. Next, data in the file were cross-checked with data on an existing file which contained: station and tow data; numbers of eggs of sardine, anchovy, and saury; numbers of larvae of sardine, anchovy, hake, jack mackerel, and Pacific mackerel; total number of fish eggs; and total number of fish larvae.

Discrepancies in ichthyoplankton data in these two files were corrected by inspecting original records from the sorting laboratory, the original ichthyoplankton identification sheets, and the samples themselves. Station and tow data discrepancies between the two files were corrected by reviewing ships' logs and deck tow sheets, original records from the sorting laboratory, cruise announcements, publications, header information on the ichthyoplankton identification sheets, and station plots generated for each cruise. Eventually all station and tow data were checked by comparing these sources.

The corrected ichthyoplankton data base was then examined statistically and outliers were found and checked as above. Distributional plots were then prepared for each taxon and these were checked by reviewing the data sources mentioned above and by examining archived specimens. A listing of each taxon by station (Table 4) was produced, which became the primary document for subsequent checks. Misidentifications found in geographic outlier checks and other misidentifications and data problems discovered in the course of examining archived samples resulted in several iterations of Table 4. Finally, totals in Table 4 were checked against annual summaries of incidence and abundance (Tables 2 and 3). Ecological analyses of the data were conducted concurrently and provided cross-checks that allowed correction of errors.

SPECIES SUMMARY

Larvae of northern anchovy (*Engraulis mordax*) represented 48.6% of all fish larvae taken on CalCOFI cruises during 1966 and numbered approximately four times as many as the gonostomatid *Vinciguerria lucetia*, the next most abundant species with 12.6% of the total larvae (Tables 2, 3). Northern anchovy ranked second in incidence; *V. lucetia* ranked third. The next most abundant species was Pacific hake, *Merluccius productus*, with 7.8% of total larvae; it ranked 16th in occurrence. The myctophid *Triphoturus mexicanus* ranked fourth in abundance, but ranked first in occurrence. Rockfish larvae, *Sebastes* spp., a composite of about 70 species, ranked 5th in abundance and 4th in incidence. Another myctophid, *Stenobrachius leucopsarus*, ranked 6th in abundance but 14th in incidence. Larvae of jack mackerel (*Trachurus symmetricus*), the deepsea smelt *Leuroglossus stilbius*, the sardine *Sardinops sagax* and the sanddabs (*Citharichthys* spp.) completed the ten most abundant taxa ranking 7th, 8th, 9th, and 10th, respectively; however, only *T. symmetricus* and *Citharichthys* spp. ranked in the top ten in occurrence, ranking 10th and 7th, respectively. The remaining two taxa, *L. stilbius* and *S. sagax*, ranked 13th and 36th, respectively, in incidence. These 10 top-ranking taxa contributed 87.4% of all larvae taken during 1966. The remaining 12.6% was represented by 144 taxa plus the unidentified and disintegrated categories. Of the 10 taxa, 4 were midwater species, 3 were coastal demersal species or generic groupings, and 3 were coastal pelagic species.

EXPLANATION OF TABLES

Table 1 - This table lists by cruise the pertinent station and tow data for 1966, the volume of water filtered and standard haul factor for each tow, the percent of sample sorted, and the total numbers of fish eggs and larvae. CalCOFI cruises are designated by four digits; the first two indicate the year and the second two the month. Within each cruise the data are listed in order of increasing line and station number (southerly and seaward directions); the order of station occupancy is shown on the station charts (Figures 2-12). Stations are designated by two groups of digits; the first set indicates the line and decimal fraction and the second set indicates the station on the line. Time is listed as Pacific Standard Time at the start of each tow in 24-hour designation. Methods for determining tow depth, volume of water strained, standard haul factor, and percent sorted were described in the methods section. The values for total fish eggs and larvae represent raw counts (unadjusted for percent sorted or standard haul factor). Ship codes are as follows: AL, *Alaska*; AX, *Alexander Agassiz*; JD, *David Starr Jordan*.

Table 2 - This table lists pooled occurrences of all larval fish taxa taken during 1966 in ranked order.

Table 3 - This table lists pooled counts of all larval fish taxa taken during 1966 in ranked order. Numbers are adjusted for percent sorted and standard haul factors.

Table 4 - This table gives numbers of fish larvae for each taxon, listed by station and calendar month in which the tow was taken. Counts are adjusted for percent of sample sorted and standard haul factor. Average values are given for stations occupied more than once during a month. See Table 1 for station and tow data and Table 6 for listing of stations with multiple occupancies during a month. Multiple occupancies occurred when a station was occupied more than once during a calendar month; in some cases, multiple occupancies resulted from separate cruises. The orders are listed in "phylogenetic" sequence modified from Nelson (1984). Subtaxa within each order are listed alphabetically. Page numbers for each taxon are given in the index at the end of the report.

Table 5 - This table is a summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1961 to 1969. Taxa are listed in the same order as in Table 4.

Table 6 - List of stations with multiple occupancies in one month during 1966.

ACKNOWLEDGMENTS

Lois Hunter originally identified larvae from CalCOFI cruises of 1966. Ronald Whyte coded each larval fish taxon or type and Rita Ford entered them into the computer. Cindy Meyer, Larry Zins, and James Ryan provided programming assistance. Dorothy Roll designed the CalCOFI data acquisition system and provided data processing support. Ken Raymond, Roy Allen, and Henry Orr helped with graphics and production of the report. Lorraine Prescott and Diane Forsythe prepared the manuscript for printing. Paul Smith determined statistical outliers, provided assistance during geographical outlier checks and offered helpful suggestions throughout the project. Izadore Barrett, Director of the Southwest Fisheries Center and Reuben Lasker, Chief, Coastal Fisheries Resources Division, SWFC, provided the support critical to the completion of the project. James Thrailkill planned CalCOFI surveys and supervised cruises, data handling, and plankton sorting from 1949 to 1986 and is largely responsible for the high quality of these operations. Without the vision and direction of Elbert Ahlstrom and Elton Sette and the dedicated efforts of the many people who collected, processed, and analyzed the samples, this data base would not exist.

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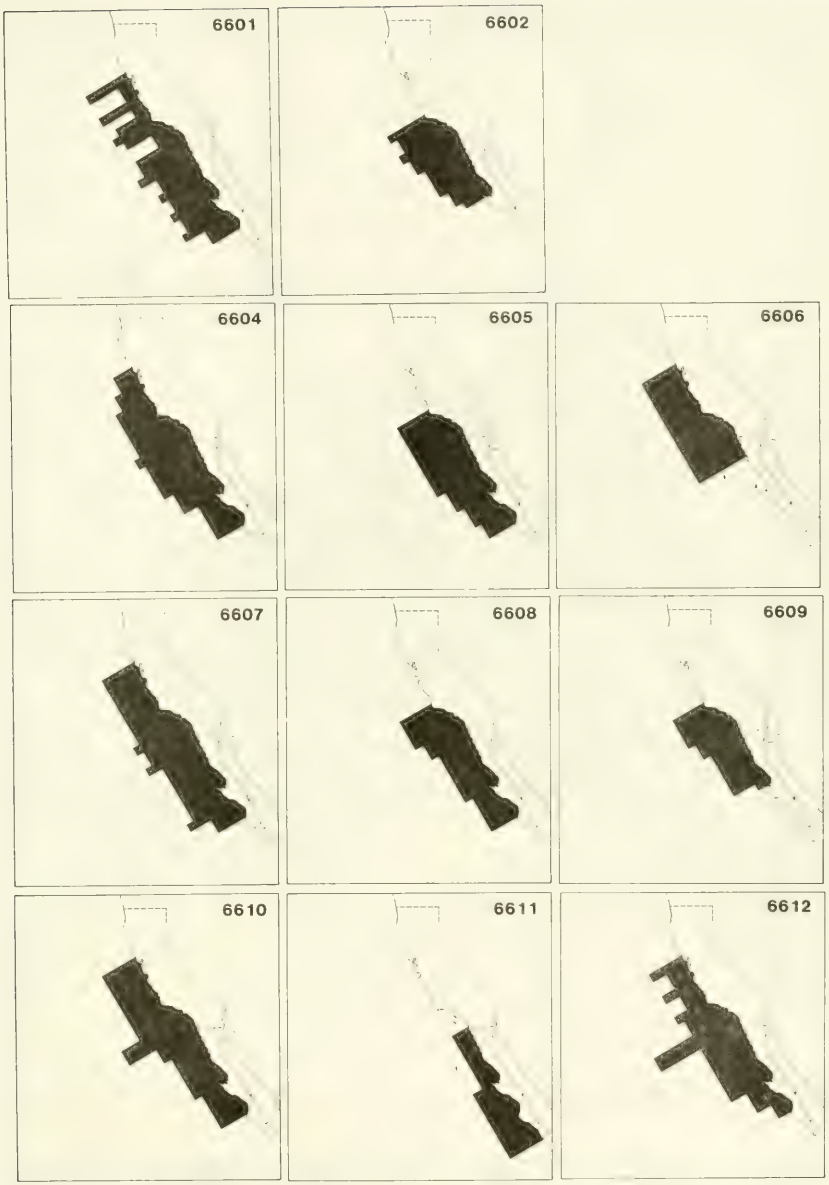

Figure 1. Composite arrangement of diagrammatic charts showing areas sampled on each CalCOFI cruise during 1966.

Figure 2. Station pattern for CalCOFI Cruise 6601 showing tracks for each vessel. Stations with plankton tows are indicated by a dot; circles designate hydrographic stations. Figures 2-10 and 12 modified from charts in Univ. of Calif., SIO (1968, 1969) to include only those stations listed in Table 1 of this report; see Table 1 for inshore stations not shown on charts.

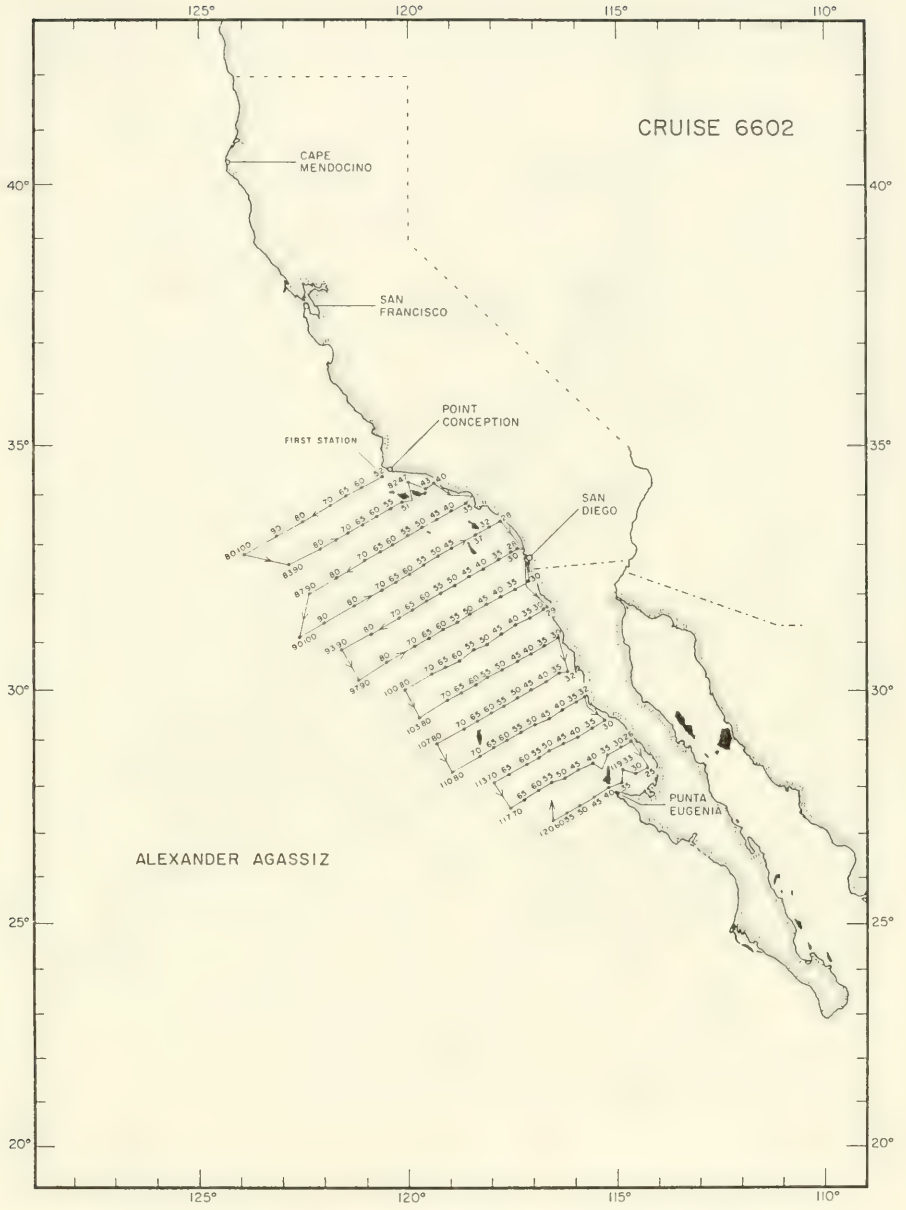

Figure 3. Station pattern for CalCOFI Cruise 6602. Symbols as in Figure 2.

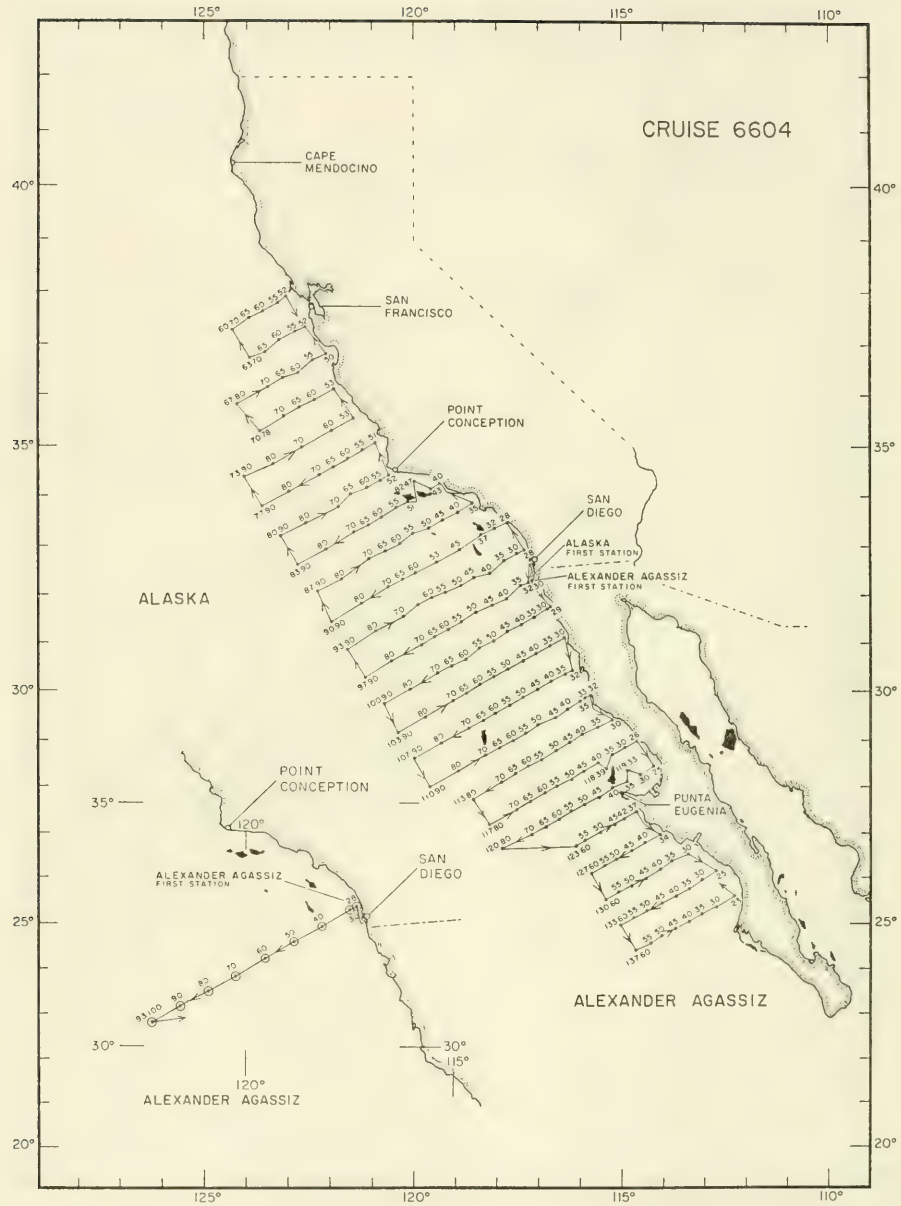

Figure 4. Station pattern for CalCOFI Cruise 6604. Symbols as in Figure 2.

Figure 5. Station pattern for CalCOFI Cruise 6605. Symbols as in Figure 2.

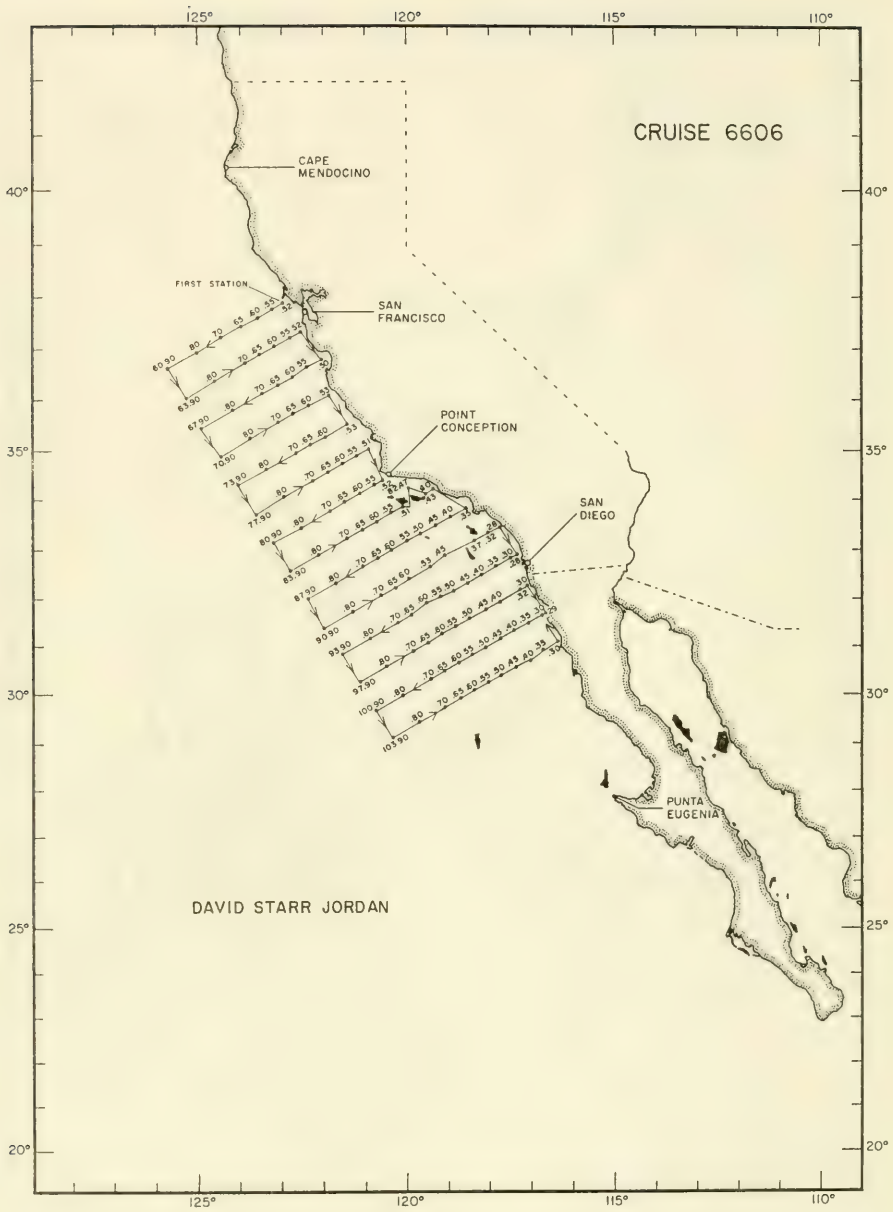

Figure 6. Station pattern for CalCOFI Cruise 6606. Symbols as in Figure 2.

Figure 7. Station pattern for CalCOFI Cruise 6607. Symbols as in Figure 2.

Figure 8. Station pattern for CalCOFI Cruise 6608. Symbols as in Figure 2.

Figure 9. Station pattern for CalCOFI Cruise 6609. Symbols as in Figure 2.

Figure 10. Station pattern for CalCOFI Cruise 6610. Symbols as in Figure 2.

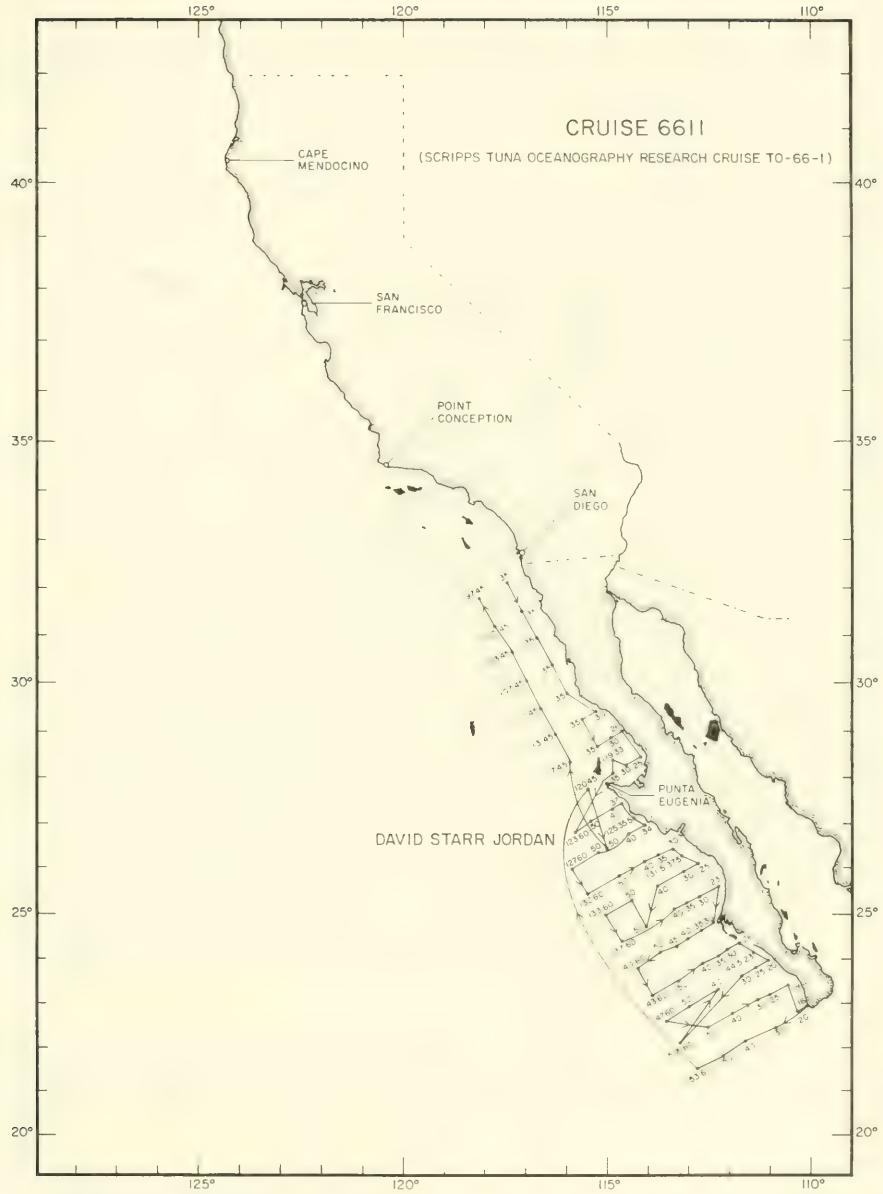

Figure 11. Station pattern for Cruise 6611. Plankton tow stations indicated by a dot.

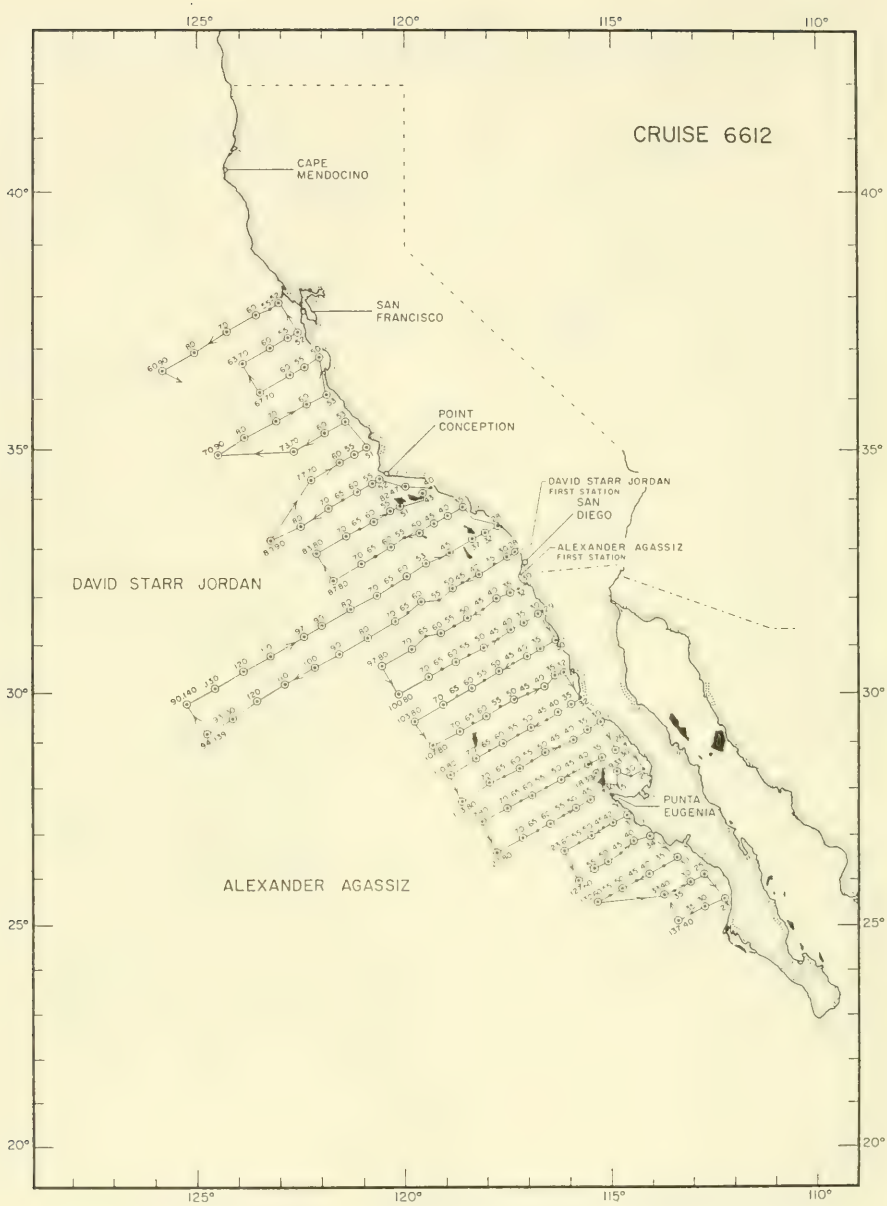

Figure 12. Station pattern for CalCOFI Cruise 6612. Symbols as in Figure 2.

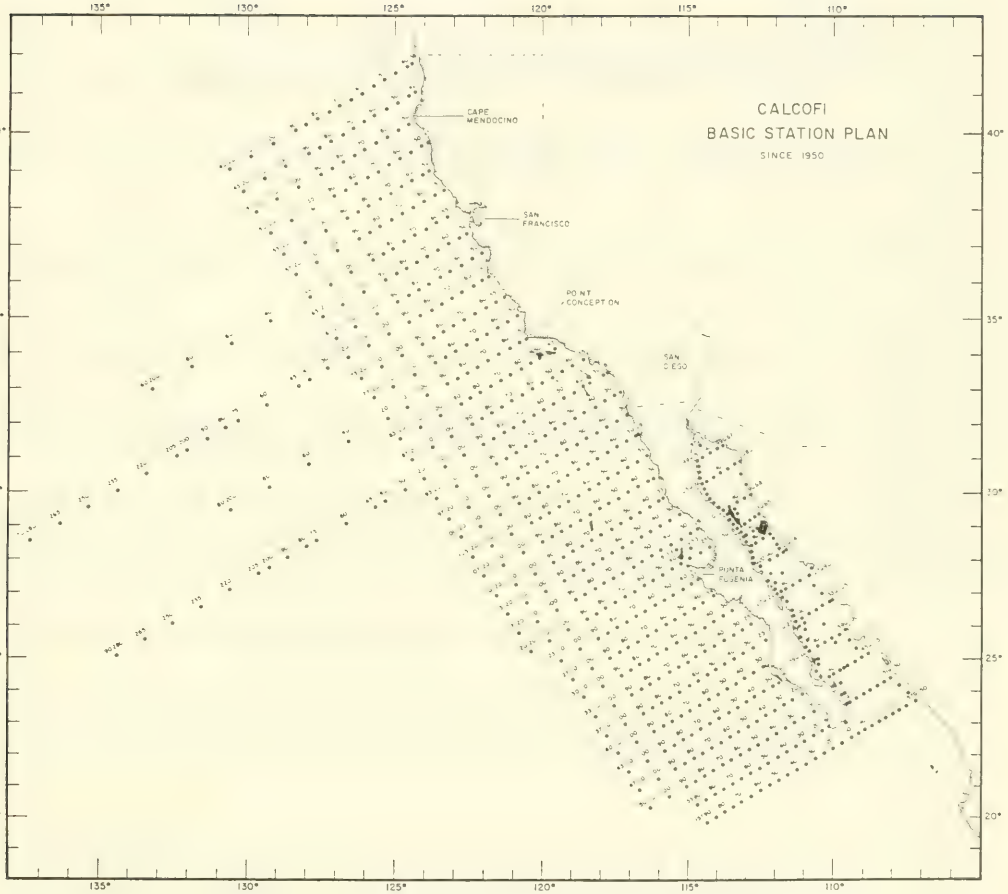

Figure 13. The basic station plan for CalCOFI cruises from 1950 to the present.

TABLE 1. Station and plankton tow data for CalCOFI cruises in 1966. Counts for fish eggs and larvae are not adjusted for standard haul factor or percent of sample sorted.

CalCOFI Cruise 6601

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37 57.6	122 53.2	JD	66 01 24	0408	39	272	1.44	100.0	421	1585
60.0	52.0	37 53.5	123 01.7	JD	66 01 24	0553	69	262	2.63	100.0	161	643
60.0	55.0	37 47.5	123 15.0	JD	66 01 24	0722	103	366	2.82	100.0	517	291
60.0	60.0	37 37.0	123 37.0	JD	66 01 24	1036	134	453	2.95	100.0	38	93
60.0	65.0	37 26.0	124 05.0	JD	66 01 24	1451	135	446	3.03	100.0	0	0
60.0	70.0	37 17.0	124 21.0	JD	66 01 24	1751	141	500	2.81	100.0	1	0
60.0	80.0	36 56.5	125 04.0	JD	66 01 24	2206	139	500	2.78	100.0	12	31
60.0	90.0	36 36.0	125 47.0	JD	66 01 25	0316	142	468	3.03	100.0	0	28
60.0	100.0	36 17.0	126 30.0	JD	66 01 25	0916	131	396	3.31	100.0	3	7
63.0	50.0	37 23.3	122 27.8	JD	66 01 23	2344	28	192	1.48	100.0	122	433
63.0	52.0	37 19.0	122 36.0	JD	66 01 23	2217	74	347	2.15	100.0	219	1007
63.0	55.0	37 13.0	122 50.0	JD	66 01 23	1956	127	516	2.47	100.0	5	9
63.0	60.0	37 03.0	123 12.0	JD	66 01 23	1636	143	493	2.90	100.0	17	27
67.0	48.0	36 52.9	121 56.0	JD	66 01 22	2344	31	145	2.13	100.0	50	206
67.0	50.0	36 49.0	122 04.5	JD	66 01 23	0147	96	344	2.79	100.0	525	102
67.0	55.0	36 39.0	122 26.0	JD	66 01 23	0556	138	482	2.86	100.0	385	93
67.0	60.0	36 29.0	122 47.6	JD	66 01 23	1006	127	501	2.54	100.0	124	153
70.0	51.0	36 10.4	121 45.9	JD	66 01 27	2231	137	444	3.08	100.0	1694	189
70.0	53.0	36 06.5	121 54.0	JD	66 01 28	0056	141	417	3.37	100.0	638	593
70.0	60.0	35 53.0	122 22.5	JD	66 01 28	0436	145	361	4.02	100.0	6	5
70.0	65.0	35 43.0	122 44.0	JD	66 01 28	0656	141	401	3.50	100.0	2	5
70.0	70.0	35 33.0	123 06.0	JD	66 01 28	1026	133	446	2.98	100.0	3	24
70.0	80.0	35 13.0	123 47.5	JD	66 01 28	1516	142	397	3.56	100.0	11	10
70.0	90.0	34 52.5	124 30.0	JD	66 01 28	2026	139	402	3.46	100.0	2	2
70.0	100.0	34 33.0	125 13.0	JD	66 01 26	1926	124	483	2.57	100.0	17	17
73.0	50.0	35 37.0	121 17.0	JD	66 02 01	1556	77	338	2.29	100.0	139	35
73.0	53.0	35 31.6	121 28.7	JD	66 02 01	1426	141	394	3.58	100.0	541	1413
73.0	60.0	35 17.7	121 54.0	JD	66 02 01	1051	139	446	3.12	100.0	21	88
77.0	48.0	35 08.3	120 43.7	JD	66 01 31	2139	27	148	1.82	100.0	311	1233
77.0	51.0	35 02.0	120 56.0	JD	66 01 31	2346	136	420	3.24	100.0	1553	673
77.0	55.0	34 54.3	121 13.0	JD	66 02 01	0146	133	435	3.05	100.0	1422	1821
77.0	60.0	34 44.0	121 34.0	JD	66 02 01	0606	141	412	3.42	100.0	2063	965
77.0	80.0	34 04.0	122 57.0	JD	66 01 29	1341	132	409	3.23	100.0	10	137
77.0	90.0	33 43.0	123 39.0	JD	66 01 29	0835	136	395	3.44	100.0	8	51
80.0	51.0	34 26.0	120 32.5	JD	66 02 02	0001	139	399	3.48	100.0	2017	147
80.0	52.0	34 24.3	120 36.5	JD	66 02 02	0126	140	438	3.19	100.0	1555	699
80.0	55.0	34 18.6	120 48.0	JD	66 02 02	0336	139	453	3.07	100.0	1743	752
80.0	60.0	34 09.0	121 09.0	JD	66 02 02	0916	142	416	3.41	100.0	637	1257
80.0	65.0	33 59.0	121 30.0	JD	66 02 02	1136	136	411	3.32	100.0	448	2302
80.0	70.0	33 48.5	121 51.0	JD	66 02 02	1501	136	354	3.86	100.0	1355	187
80.0	80.0	33 28.7	122 32.0	JD	66 02 02	2011	139	366	3.79	100.0	31	9
80.0	90.0	33 09.0	123 13.0	JD	66 02 03	0116	139	377	3.69	100.0	28	3
80.0	100.0	32 49.0	123 53.5	JD	66 02 03	0656	138	478	2.88	100.0	5	8

TABLE 1. (cont.)

CalCOFI Cruise 6601

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
82.0	47.0	34 15.0	119 59.0	JD	66 02 04	1401	141	441	3.19	100.0	381	349
83.0	40.0	34 14.0	119 22.0	JD	66 02 04	1915	19	129	1.45	100.0	736	1037
83.0	43.0	34 08.0	119 34.0	JD	66 02 04	1726	136	426	3.20	100.0	742	442
83.0	51.0	33 52.0	120 07.5	JD	66 02 04	1017	91	304	2.99	100.0	873	121
83.0	55.0	33 44.8	120 22.6	JD	66 02 04	0816	137	423	3.24	100.0	499	662
83.0	60.0	33 34.0	120 45.0	JD	66 02 04	0446	138	427	3.22	100.0	20	59
83.0	65.0	33 24.0	121 06.0	JD	66 02 04	0126	139	420	3.31	100.0	21	6
83.0	70.0	33 14.5	121 26.0	JD	66 02 03	2316	133	434	3.06	100.0	32	44
83.0	80.0	32 54.0	122 08.0	JD	66 02 03	1831	140	437	3.20	100.0	4	1
83.0	90.0	32 32.0	122 54.0	JD	66 02 03	1306	139	439	3.17	100.0	6	2
87.0	33.0	33 54.2	118 29.4	JD	66 02 05	0008	48	139	3.46	100.0	930	869
87.0	35.0	33 50.0	118 37.5	JD	66 02 05	0151	136	410	3.39	100.0	1699	785
87.0	40.0	33 38.7	118 58.0	JD	66 02 06	1316	137	429	3.20	100.0	467	2094
87.0	45.0	33 30.0	119 19.0	JD	66 02 06	1621	147	381	3.86	100.0	897	1455
87.0	50.0	33 20.0	119 39.5	JD	66 02 06	1923	47	204	2.32	100.0	839	1511
87.0	55.0	33 10.0	120 00.0	JD	66 02 06	2136	120	396	3.04	100.0	182	497
93.0	27.0	32 56.0	117 19.1	JD	66 01 21	1600	138	372	3.72	100.0	1049	347
93.0	28.0	32 54.9	117 21.8	JD	66 01 15	1441	144	415	3.48	100.0	66	573
93.0	30.0	32 50.5	117 31.0	JD	66 01 15	1336	133	464	2.86	100.0	77	718
93.0	35.0	32 40.0	117 51.5	JD	66 01 15	0906	139	461	3.01	100.0	420	838
93.0	40.0	32 30.0	118 12.0	JD	66 01 15	0706	142	453	3.14	100.0	80	542
93.0	45.0	32 20.0	118 32.0	JD	66 01 15	0311	138	456	3.01	100.0	50	187
93.0	50.0	32 10.0	118 53.0	JD	66 01 15	0021	137	492	2.78	100.0	22	162
93.0	55.0	32 00.0	119 13.0	JD	66 01 14	2016	143	473	3.02	100.0	32	391
93.0	60.0	31 50.0	119 34.0	JD	66 01 14	1746	142	474	3.00	100.0	20	3
93.0	65.0	31 40.0	119 53.0	JD	66 01 14	1346	139	472	2.94	100.0	3	9
93.0	70.0	31 30.0	120 15.0	JD	66 01 14	1111	141	463	3.05	100.0	6	10
93.0	80.0	31 06.8	120 57.4	JD	66 01 14	0551	139	474	2.93	100.0	7	7
93.0	90.0	30 49.0	121 36.0	JD	66 01 14	0006	131	510	2.57	100.0	50	8
97.0	29.0	32 17.5	117 05.0	JD	66 01 12	0759	28	226	1.42	100.0	475	307
97.0	30.0	32 16.0	117 07.0	JD	66 01 12	0848	47	326	1.43	100.0	854	2263
97.0	32.0	32 12.0	117 15.5	JD	66 01 12	0956	137	536	2.56	100.0	120	287
97.0	35.0	32 05.5	117 27.5	JD	66 01 12	1301	140	469	2.97	100.0	840	650
97.0	40.0	31 55.0	117 49.0	JD	66 01 12	1626	142	477	2.98	100.0	25	51
97.0	45.0	31 40.5	118 08.5	JD	66 01 12	1836	141	473	2.98	100.0	9	16
97.0	50.0	31 35.3	118 30.5	JD	66 01 12	2156	139	123	2.87	100.0	113	127
97.0	55.0	31 25.0	118 50.0	JD	66 01 13	0006	140	127	3.00	100.0	40	122
97.0	60.0	31 15.0	119 10.0	JD	66 01 13	0336	143	128	2.90	100.0	8	4
97.0	65.0	31 05.0	119 31.0	JD	66 01 13	0611	141	120	3.02	100.0	10	15
97.0	70.0	30 55.0	119 52.5	JD	66 01 13	0936	140	124	2.96	100.0	3	14
97.0	80.0	30 35.0	120 31.0	JD	66 01 13	1431	141	121	2.95	100.0	0	3
97.0	90.0	30 15.0	121 10.5	JD	66 01 13	1901	130	138	2.56	100.0	15	10
100.0	29.0	31 42.1	116 43.4	AX	66 01 20	0048	66	286	2.29	100.0	981	28
100.0	30.0	31 40.5	116 46.5	AX	66 01 20	0226	141	504	2.80	100.0	952	44
100.0	35.0	31 30.5	117 07.0	AX	66 01 20	0546	151	472	3.20	100.0	513	1390

TABLE 1. (cont.)

CalCOFI Cruise 6601

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
100.0	40.0	31	21.0	117	27.0	AX	66	01	20	0916	144	470	3.07	100.0	437	971
100.0	45.0	31	11.6	117	46.0	AX	66	01	20	1126	150	460	3.27	100.0	18	971
100.0	50.0	31	01.5	118	13.8	AX	66	01	20	1506	144	487	2.94	100.0	10	145
100.0	55.0	30	52.7	118	32.0	AX	66	01	20	1716	150	420	3.56	100.0	56	270
100.0	60.0	30	42.7	118	49.1	AX	66	01	20	2021	141	455	3.09	100.0	4	31
100.0	65.0	30	32.0	119	08.4	AX	66	01	20	2301	140	482	2.90	100.0	31	135
100.0	70.0	30	20.8	119	27.0	AX	66	01	21	0231	150	453	3.30	100.0	50	20
100.0	80.0	29	52.8	120	02.3	AX	66	01	21	0736	153	418	3.67	100.0	18	25
100.0	90.0	29	41.0	120	46.2	AX	66	01	21	1211	140	481	2.92	100.0	18	9
100.0	100.0	29	20.0	121	26.5	AX	66	01	21	1741	144	480	2.99	100.0	20	16
103.0	29.0	31	07.5	116	21.1	AX	66	01	23	0300	19	175	1.07	100.0	854	377
103.0	30.0	31	06.0	116	24.5	AX	66	01	23	0224	21	176	1.20	100.0	279	2
103.0	35.0	30	55.6	116	45.3	AX	66	01	22	2341	136	470	2.90	100.0	65	350
103.0	40.0	30	46.0	117	04.5	AX	66	01	22	2116	136	468	2.91	100.0	6	118
103.0	45.0	30	36.0	117	24.0	AX	66	01	22	1905	141	457	3.09	100.0	15	11
103.0	50.0	30	26.8	117	44.8	AX	66	01	22	1616	149	452	3.30	100.0	16	219
103.0	55.0	30	16.0	118	05.0	AX	66	01	22	1336	142	477	2.98	100.0	11	25
103.0	60.0	30	06.4	118	25.3	AX	66	01	22	1116	132	495	2.66	100.0	15	204
103.0	65.0	29	58.0	118	45.7	AX	66	01	22	0841	144	475	3.03	100.0	15	12
103.0	70.0	29	50.8	118	59.2	AX	66	01	22	0651	142	480	2.96	100.0	28	19
103.0	80.0	29	26.5	119	43.0	AX	66	01	22	0236	144	472	3.05	100.0	62	19
107.0	31.0	30	27.8	116	07.0	AX	66	01	23	0658	60	230	2.61	100.0	98	156
107.0	32.0	30	25.3	116	11.2	AX	66	01	23	0816	149	452	3.29	100.0	383	325
107.0	35.0	30	21.7	116	22.5	AX	66	01	23	0951	145	447	3.24	100.0	17	166
107.0	40.0	30	11.0	116	42.0	AX	66	01	23	1216	154	442	3.49	100.0	12	13
107.0	45.0	30	01.6	117	01.7	AX	66	01	23	1431	144	463	3.11	100.0	5	10
107.0	50.0	29	51.4	117	20.3	AX	66	01	23	1651	146	454	3.22	100.0	2	11
107.0	55.0	29	44.0	117	41.3	AX	66	01	23	1931	146	445	3.28	100.0	53	10
107.0	60.0	29	30.5	118	00.6	AX	66	01	23	2206	143	470	3.04	100.0	41	26
107.0	65.0	29	21.4	118	21.0	AX	66	01	24	0041	140	499	2.80	100.0	11	2
107.0	70.0	29	11.2	118	41.0	AX	66	01	24	0326	140	469	2.99	100.0	44	16
107.0	80.0	28	51.7	119	20.0	AX	66	01	24	0746	145	470	3.08	100.0	18	22
110.0	32.0	29	52.0	115	47.8	AX	66	01	25	2050	13	171	0.75	100.0	172	16
110.0	35.0	29	46.0	116	00.0	AX	66	01	25	1911	141	475	2.96	100.0	531	328
110.0	40.0	29	37.4	116	19.8	AX	66	01	25	1616	144	465	3.10	100.0	8	38
110.0	45.0	29	26.8	116	38.2	AX	66	01	25	1306	133	491	2.70	100.0	11	19
110.0	50.0	29	16.8	116	59.3	AX	66	01	25	1041	139	470	2.96	100.0	17	9
110.0	55.0	29	06.5	117	19.0	AX	66	01	25	0841	137	485	2.83	100.0	11	4
110.0	60.0	28	56.5	117	39.0	AX	66	01	25	0516	140	470	2.97	100.0	29	12
110.0	65.0	28	46.0	117	59.0	AX	66	01	25	0206	136	491	2.78	100.0	51	14
110.0	70.0	28	36.5	118	18.0	AX	66	01	24	2331	136	489	2.78	100.0	38	2
110.0	80.0	28	16.5	118	57.5	AX	66	01	24	1851	142	463	3.07	100.0	9	16
110.0	90.0	27	56.8	119	35.3	AX	66	01	24	1351	140	497	2.81	100.0	29	50
113.0	29.0	29	24.2	115	13.2	AX	66	01	26	0150	14	167	0.86	100.0	103	14
113.0	30.0	29	22.0	115	18.0	AX	66	01	26	0239	30	144	2.10	100.0	119	2

TABLE 1. (cont.)

CalCOFI Cruise 6601

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
113.0	35.0	29	11.3	115	38.4	AX	66	01	26	0456	142	458	3.10	100.0	93	18
113.0	40.0	29	02.0	115	57.0	AX	66	01	26	0711	145	449	3.23	100.0	15	0
113.0	45.0	28	54.0	116	18.8	AX	66	01	26	0926	142	468	3.03	100.0	6	5
113.0	50.0	28	41.5	116	36.5	AX	66	01	26	1141	135	493	2.73	100.0	2	3
113.0	55.0	28	32.0	116	56.0	AX	66	01	26	1411	139	481	2.89	100.0	16	9
113.0	60.0	28	24.0	117	15.6	AX	66	01	26	1631	142	472	3.01	100.0	19	12
113.0	65.0	28	12.2	117	35.1	AX	66	01	26	1921	145	435	3.34	100.0	19	9
113.0	70.0	28	02.0	117	55.0	AX	66	01	26	2211	134	449	2.99	100.0	26	27
113.0	80.0	27	42.0	118	33.5	AX	66	01	27	0301	126	620	2.04	100.0	20	22
117.0	25.0	28	58.0	114	37.0	AX	66	01	28	1914	32	136	2.35	100.0	299	28
117.0	26.0	28	56.0	114	41.5	AX	66	01	28	1829	30	144	2.08	100.0	180	201
117.0	30.0	28	48.0	114	56.9	AX	66	01	28	1645	82	292	2.80	100.0	117	13078
117.0	35.0	28	38.0	115	16.0	AX	66	01	28	1416	139	491	2.83	100.0	157	85
117.0	40.0	28	28.0	115	35.5	AX	66	01	28	0246	162	304	5.31	100.0	9	6
117.0	45.0	28	18.0	115	56.0	AX	66	01	28	0011	145	447	3.24	100.0	65	44
117.0	50.0	28	08.0	116	15.0	AX	66	01	27	2141	135	459	2.94	100.0	199	10
117.0	55.0	27	58.0	116	34.5	AX	66	01	27	1901	144	445	3.22	100.0	134	16
117.0	60.0	27	42.5	116	53.4	AX	66	01	27	1631	149	482	3.10	100.0	5	19
117.0	65.0	27	37.5	117	13.0	AX	66	01	27	1356	143	489	2.91	100.0	31	27
117.0	70.0	27	28.5	117	32.7	AX	66	01	27	1136	143	474	3.02	100.0	9	35
117.0	80.0	27	05.3	118	10.7	AX	66	01	27	0651	127	531	2.39	100.0	4	8
119.0	33.0	28	18.8	114	52.9	AX	66	01	29	0438	67	234	2.87	100.0	345	957
120.0	24.0	28	25.0	114	10.7	AX	66	01	28	2330	20	156	1.25	100.0	413	727
120.0	25.0	28	22.5	114	15.0	AX	66	01	29	0009	34	122	2.76	100.0	478	1060
120.0	30.0	28	13.0	114	34.0	AX	66	01	29	0218	66	245	2.69	100.0	569	116
120.0	35.0	28	03.0	114	54.0	AX	66	01	29	0628	69	244	2.84	100.0	260	128
120.0	40.0	27	56.5	115	14.0	AX	66	01	29	1044	29	149	1.95	100.0	190	135
120.0	45.0	27	43.0	115	33.0	AX	66	01	29	1331	131	483	2.71	100.0	116	99
120.0	50.0	27	33.0	115	52.5	AX	66	01	29	1626	138	462	2.99	100.0	37	38
120.0	55.0	27	23.0	116	12.0	AX	66	01	29	1841	132	462	2.86	100.0	63	18
120.0	60.0	27	13.0	116	30.5	AX	66	01	29	2126	128	488	2.62	100.0	177	19
120.0	65.0	27	03.0	116	50.5	AX	66	01	29	2341	119	511	2.34	100.0	111	15
120.0	70.0	26	52.0	117	10.5	AX	66	01	30	0256	138	459	3.02	100.0	160	54
120.0	80.0	26	32.5	117	49.0	AX	66	01	30	0746	138	480	2.88	100.0	31	59
120.0	90.0	26	12.1	118	26.0	AX	66	01	30	1226	131	487	2.69	100.0	12	70
123.0	36.0	27	26.2	114	36.0	AX	66	01	31	1434	36	133	2.69	100.0	104	7
123.0	37.0	27	24.0	114	40.0	AX	66	02	01	0249	37	128	2.89	100.0	367	1270
123.0	40.0	27	18.0	114	52.0	AX	66	01	31	1311	143	454	3.14	100.0	43	109
123.0	45.0	27	08.0	115	11.5	AX	66	01	31	1036	140	452	3.10	100.0	63	71
123.0	50.0	26	58.0	115	31.0	AX	66	01	31	0816	138	458	3.02	100.0	75	27
123.0	55.0	26	42.4	115	49.0	AX	66	01	31	0524	133	459	2.90	100.0	57	66
123.0	60.0	26	34.8	116	08.0	AX	66	01	31	0256	137	455	3.02	100.0	89	19
123.0	65.0	26	26.3	116	26.9	AX	66	01	31	0026	132	463	2.84	100.0	86	59
123.0	70.0	26	17.0	116	46.5	AX	66	01	30	2201	122	481	2.54	100.0	148	27
123.0	80.0	26	00.0	117	25.0	AX	66	01	30	1751	130	452	2.87	100.0	50	119

TABLE 1. (cont.)

CalCOFI Cruise 6601

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
127.0	33.0	26 57.5	114 02.2	AX	66 02 01	0724	31	143	2.19	100.0	53	2492
127.0	34.0	26 55.0	114 06.5	AX	66 02 01	0818	65	233	2.78	100.0	83	702
127.0	40.0	26 43.5	114 29.0	AX	66 02 01	1051	130	511	2.54	100.0	858	1287
127.0	45.0	26 33.0	114 48.5	AX	66 02 01	1326	147	451	3.27	100.0	199	43
127.0	50.0	26 23.0	115 08.2	AX	66 02 01	1551	141	533	2.64	100.0	22	35
127.0	55.0	26 12.6	115 28.8	AX	66 02 01	1811	141	461	3.07	100.0	157	23
127.0	60.0	26 03.5	115 46.5	AX	66 02 01	2036	133	554	2.94	100.0	89	32
127.0	65.0	25 53.0	116 06.0	AX	66 02 01	2256	126	481	2.62	100.0	40	1246
127.0	70.0	25 44.0	116 24.5	AX	66 02 02	0116	141	432	3.26	100.0	26	29
127.0	75.0	25 32.5	116 44.0	AX	66 02 02	0356	144	421	3.42	100.0	28	29
127.0	80.0	25 22.2	117 04.7	AX	66 02 02	0641	143	442	3.24	100.0	13	28
130.0	28.0	26 33.0	113 21.0	AX	66 02 03	1654	32	141	2.30	100.0	77	2274
130.0	30.0	26 29.0	113 29.0	AX	66 02 03	1818	68	229	2.95	100.0	182	1141
130.0	35.0	26 19.0	113 48.0	AX	66 02 03	2041	130	455	2.87	100.0	282	9307
130.0	40.0	26 09.0	114 07.0	AX	66 02 03	2341	130	462	2.82	100.0	84	1300
130.0	45.0	25 58.7	114 27.2	AX	66 02 04	0201	129	467	2.76	100.0	64	115
130.0	50.0	24 48.9	114 45.6	AX	66 02 04	0501	140	437	3.20	100.0	58	14
130.0	55.0	25 39.0	115 04.0	AX	66 02 04	0726	144	447	3.22	100.0	16	4
130.0	60.0	25 29.0	115 24.0	AX	66 02 04	1026	139	474	2.93	100.0	38	26
130.0	70.0	25 09.0	116 02.0	AX	66 02 04	1441	144	445	3.23	100.0	27	17
130.0	80.0	24 47.8	116 39.1	AX	66 02 04	1906	140	450	3.10	100.0	99	6
130.0	90.0	24 26.6	117 18.5	AX	66 02 02	1241	144	447	3.22	100.0	12	16
133.0	23.0	26 08.5	112 40.2	AX	66 02 05	2119	36	143	2.52	100.0	1597	34
133.0	25.0	26 04.5	112 48.0	AX	66 02 05	2008	69	230	2.99	100.0	1115	1590
133.0	30.0	25 54.5	113 07.5	AX	66 02 05	1746	145	446	3.25	100.0	417	470
133.0	35.0	25 44.5	113 26.5	AX	66 02 05	1536	145	448	3.25	100.0	70	936
133.0	40.0	25 34.6	113 45.0	AX	66 02 05	1311	138	453	3.06	100.0	38	232
133.0	45.0	25 25.0	114 04.5	AX	66 02 05	1051	145	425	3.41	100.0	222	251
133.0	50.0	24 14.5	114 24.0	AX	66 02 05	0816	133	474	2.81	100.0	31	139
133.0	55.0	25 03.7	114 43.0	AX	66 02 05	0611	139	463	3.00	100.0	23	133
133.0	60.0	24 54.5	115 02.0	AX	66 02 05	0341	138	464	2.97	100.0	54	10
137.0	22.0	25 36.1	112 14.8	AX	66 02 06	0124	25	162	1.53	100.0	626	1994
137.0	23.0	25 34.0	112 19.0	AX	66 02 06	0219	29	142	2.02	100.0	381	2656
137.0	30.0	29 19.8	112 45.2	AX	66 02 06	0536	142	444	3.21	100.0	372	169
137.0	35.0	25 10.0	113 04.5	AX	66 02 06	0756	135	488	2.76	100.0	712	2751
137.0	40.0	25 00.0	113 23.5	AX	66 02 06	1051	139	466	2.98	100.0	63	1457
137.0	45.0	24 49.0	113 42.0	AX	66 02 06	1301	142	485	2.93	100.0	45	61
137.0	50.0	24 41.3	114 02.0	AX	66 02 06	1551	145	471	3.08	100.0	19	6
137.0	55.0	24 32.6	114 21.0	AX	66 02 06	1811	142	447	3.16	100.0	32	9
137.0	60.0	24 24.5	114 39.0	AX	66 02 06	2056	142	467	3.03	100.0	37	9

TABLE 1. (cont.)

CalCOFI Cruise 6602

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	51.0	34	26.0	120	32.5	AX	66	02	15	0923	70	243	2.86	100.0	154	332
80.0	52.0	34	24.3	120	36.5	AX	66	02	15	1001	144	448	3.22	100.0	138	179
80.0	60.0	34	09.3	121	08.7	AX	66	02	15	1406	151	443	3.42	100.0	229	863
80.0	65.0	33	59.2	121	30.0	AX	66	02	15	1626	147	429	3.44	100.0	76	1333
80.0	70.0	33	48.5	121	51.0	AX	66	02	15	1846	145	422	3.44	100.0	1188	443
80.0	80.0	33	28.7	122	31.0	AX	66	02	15	2256	136	466	2.93	100.0	41	53
80.0	90.0	33	10.0	123	10.0	AX	66	02	16	0301	145	446	3.25	100.0	26	10
80.0	100.0	32	48.3	123	55.0	AX	66	02	16	0736	130	482	2.70	100.0	7	21
82.0	47.0	34	15.0	119	59.0	AX	66	02	17	1251	148	459	3.22	100.0	33	258
83.0	40.0	33	14.1	119	21.4	AX	66	02	17	1649	19	190	0.99	100.0	190	3750
83.0	43.0	34	08.0	119	34.0	AX	66	02	17	1516	148	435	3.40	100.0	188	322
83.0	51.0	33	52.0	120	08.5	AX	66	02	17	0927	92	287	3.20	100.0	868	554
83.0	55.0	33	43.9	120	24.6	AX	66	02	17	0711	139	433	3.22	100.0	233	2961
83.0	60.0	33	33.8	120	45.7	AX	66	02	17	0431	139	477	2.91	100.0	81	768
83.0	65.0	33	23.7	121	05.7	AX	66	02	17	0201	140	444	3.16	100.0	25	189
83.0	70.0	33	48.5	121	51.0	AX	66	02	16	2326	143	436	3.28	100.0	24	84
83.0	80.0	32	54.0	122	08.0	AX	66	02	16	1926	146	471	3.09	100.0	119	60
83.0	90.0	32	35.0	122	52.0	AX	66	02	16	1426	144	439	3.28	100.0	10	6
87.0	33.0	33	54.2	118	29.4	AX	66	02	17	2314	36	112	3.25	100.0	623	7835
87.0	35.0	33	50.0	118	37.5	AX	66	02	18	0016	144	436	3.30	100.0	1051	5176
87.0	40.0	33	40.2	118	58.0	AX	66	02	18	0236	142	424	3.35	100.0	1063	4923
87.0	45.0	33	30.0	119	19.0	AX	66	02	18	0506	128	453	2.83	100.0	2318	3653
87.0	50.0	33	20.0	119	39.5	AX	66	02	18	0743	68	233	2.91	100.0	700	1838
87.0	55.0	33	10.0	120	00.0	AX	66	02	18	1001	138	429	3.23	100.0	165	3239
87.0	60.0	33	59.6	120	22.0	AX	66	02	18	1226	141	408	3.44	100.0	236	2888
87.0	65.0	32	51.0	120	39.5	AX	66	02	18	1516	141	413	3.42	100.0	351	2914
87.0	70.0	32	39.5	121	02.0	AX	66	02	18	1746	142	458	3.10	100.0	5	10
87.0	80.0	32	19.5	121	43.0	AX	66	02	18	2146	137	462	2.97	100.0	36	16
87.0	90.0	31	59.4	122	22.4	AX	66	02	19	0211	139	460	3.01	100.0	17	22
90.0	28.0	33	28.5	117	46.7	AX	66	02	20	2341	138	387	3.55	100.0	1173	1956
90.0	32.0	33	20.5	118	03.0	AX	66	02	20	2056	136	427	3.17	100.0	184	1965
90.0	37.0	33	11.0	118	22.5	AX	66	02	20	1826	140	431	3.24	100.0	527	1290
90.0	45.0	32	54.6	118	55.6	AX	66	02	20	1451	140	405	3.46	100.0	681	2322
90.0	50.0	32	45.3	119	16.4	AX	66	02	20	1221	140	424	3.29	100.0	304	4974
90.0	55.0	32	35.0	119	37.0	AX	66	02	20	0951	137	436	3.14	100.0	226	2617
90.0	60.0	32	25.1	119	57.4	AX	66	02	20	0731	140	416	3.37	100.0	1382	349
90.0	65.0	32	13.7	120	17.2	AX	66	02	20	0456	139	436	3.20	100.0	2410	77
90.0	70.0	32	03.7	120	37.0	AX	66	02	20	0231	141	426	3.30	100.0	96	18
90.0	80.0	31	45.0	121	18.5	AX	66	02	19	2216	136	452	3.00	100.0	10	11
90.0	90.0	31	23.5	122	02.0	AX	66	02	19	1816	140	436	3.22	100.0	39	269
90.0	100.0	31	06.0	122	37.5	AX	66	02	19	1016	141	420	3.36	100.0	187	927
93.0	27.0	32	56.0	117	19.0	AX	66	02	21	0618	62	248	2.48	100.0	1730	989
93.0	28.0	32	54.7	117	21.8	AX	66	02	21	0658	64	249	2.57	100.0	1259	2767
93.0	30.0	32	50.5	117	31.0	AX	66	02	21	0806	129	448	2.87	100.0	237	1802
93.0	35.0	32	40.5	117	51.5	AX	66	02	21	1026	110	489	2.24	100.0	1890	553

TABLE 1. (cont.)

CalCOFI Cruise 6602

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	40.0	32 30.0	118 11.5	AX	66 02 21	1306	140	430	3.26	100.0	46	1202
93.0	45.0	32 20.0	118 32.0	AX	66 02 21	1531	142	421	3.37	100.0	115	67
93.0	50.0	32 10.0	118 52.5	AX	66 02 21	1801	137	464	2.96	100.0	221	101
93.0	55.0	32 00.0	119 13.5	AX	66 02 21	2036	133	471	2.82	100.0	259	61
93.0	60.0	31 50.0	119 34.0	AX	66 02 21	2251	135	478	2.78	100.0	182	73
93.0	65.0	31 40.0	119 53.5	AX	66 02 22	0116	140	440	3.18	100.0	494	116
93.0	70.0	31 30.0	120 14.0	AX	66 02 22	0336	139	422	3.29	100.0	927	95
93.0	80.0	31 10.8	120 53.8	AX	66 02 22	0811	126	450	2.81	100.0	72	36
93.0	90.0	30 50.0	121 35.6	AX	66 02 22	1231	137	421	3.25	100.0	27	190
97.0	29.0	32 17.5	117 04.7	AX	66 02 25	1529	28	149	1.91	100.0	41	344
97.0	30.0	32 18.0	117 07.0	AX	66 02 24	0914	35	236	1.49	100.0	539	769
97.0	35.0	32 03.8	117 26.0	AX	66 02 24	0641	141	402	3.51	100.0	142	1548
97.0	40.0	31 56.0	117 48.0	AX	66 02 24	0336	152	440	3.45	100.0	262	1571
97.0	45.0	31 46.0	118 08.5	AX	66 02 24	0056	138	434	3.18	100.0	829	558
97.0	50.0	31 36.0	118 30.5	AX	66 02 23	2111	133	460	2.90	100.0	471	112
97.0	55.0	31 25.5	118 49.5	AX	66 02 23	1801	138	435	3.18	100.0	418	142
97.0	60.0	31 15.5	119 10.0	AX	66 02 23	1421	140	454	3.08	100.0	349	1284
97.0	65.0	31 05.0	119 30.5	AX	66 02 23	1101	137	460	2.97	100.0	102	291
97.0	70.0	30 55.0	119 50.5	AX	66 02 23	0706	140	443	3.16	100.0	58	193
97.0	80.0	30 35.0	120 31.0	AX	66 02 23	0051	138	502	2.74	100.0	64	321
97.0	90.0	30 10.8	121 13.0	AX	66 02 22	1706	137	505	2.71	100.0	57	50
100.0	29.0	31 42.2	116 43.4	AX	66 02 25	1924	62	282	2.21	100.0	242	246
100.0	30.0	31 40.5	116 46.6	AX	66 02 25	1956	133	437	3.04	100.0	574	1067
100.0	35.0	31 30.5	117 07.0	AX	66 02 25	2221	138	443	3.10	100.0	567	2972
100.0	40.0	31 21.5	117 27.2	AX	66 02 26	0046	138	443	3.11	100.0	307	419
100.0	45.0	31 09.8	117 48.0	AX	66 02 26	0306	143	415	3.43	100.0	86	27
100.0	50.0	30 58.2	118 06.9	AX	66 02 26	0546	135	508	2.66	100.0	162	43
100.0	55.0	30 50.5	118 27.5	AX	66 02 26	0831	138	453	3.04	100.0	688	252
100.0	60.0	30 36.8	118 42.7	AX	66 02 26	1106	135	458	2.94	100.0	17	34
100.0	65.0	30 29.0	119 07.0	AX	66 02 26	1411	147	418	3.51	100.0	52	384
100.0	70.0	30 21.0	119 26.7	AX	66 02 26	1701	150	431	3.48	100.0	4	373
100.0	80.0	30 00.0	120 06.4	AX	66 02 26	2126	139	445	3.11	100.0	72	33
103.0	29.0	31 07.0	116 21.0	AX	66 02 28	0400	16	167	0.99	100.0	536	8560
103.0	30.0	31 05.8	116 24.5	AX	66 02 28	0314	32	128	2.54	100.0	142	1878
103.0	35.0	30 56.9	116 45.0	AX	66 02 28	0051	138	441	3.13	100.0	261	299
103.0	40.0	30 46.0	117 04.5	AX	66 02 27	2226	136	453	2.99	100.0	136	33
103.0	45.0	30 36.3	117 23.1	AX	66 02 27	2011	145	459	3.16	100.0	103	104
103.0	50.0	30 26.5	118 46.6	AX	66 02 27	1731	137	438	3.32	100.0	68	90
103.0	55.0	30 16.0	118 05.9	AX	66 02 27	1511	139	437	3.19	100.0	278	249
103.0	60.0	30 06.5	118 23.8	AX	66 02 27	1256	140	421	3.32	100.0	73	41
103.0	65.0	29 56.4	118 44.6	AX	66 02 27	1036	136	446	3.05	100.0	79	270
103.0	70.0	29 46.0	119 03.7	AX	66 02 27	0806	138	438	3.16	100.0	17	37
103.0	80.0	29 26.5	119 43.0	AX	66 02 27	0226	141	440	3.20	100.0	73	11
107.0	31.0	30 27.8	116 07.0	AX	66 02 28	0814	30	212	1.41	100.0	1752	455
107.0	32.0	30 25.8	116 11.0	AX	66 02 28	0911	123	485	2.53	100.0	692	4491

TABLE 1. (cont.)

CalCOFI Cruise 6602

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	35.0	30 21.5	116 22.5	AX	66 02 28	1041	134	439	3.05	100.0	210	1390
107.0	40.0	30 11.0	116 41.3	AX	66 02 28	1306	141	473	2.99	100.0	61	124
107.0	45.0	30 00.6	117 03.5	AX	66 02 28	1536	137	489	2.80	100.0	53	137
107.0	50.0	29 50.2	117 23.0	AX	66 02 28	1741	137	438	3.13	100.0	25	165
107.0	55.0	29 41.0	117 42.0	AX	66 02 28	1956	133	459	2.90	100.0	69	144
107.0	60.0	29 32.0	118 01.5	AX	66 02 28	2216	135	451	3.00	100.0	92	52
107.0	65.0	29 21.0	118 21.0	AX	66 03 01	0046	142	430	3.30	100.0	43	17
107.0	70.0	29 11.2	118 40.0	AX	66 03 01	0306	138	445	3.09	100.0	33	11
107.0	80.0	28 51.5	119 20.0	AX	66 03 01	0716	134	439	3.06	100.0	16	69
110.0	32.0	29 52.0	115 47.8	AX	66 03 02	1439	28	131	2.13	100.0	68	122
110.0	35.0	29 46.0	116 00.0	AX	66 03 02	1151	129	523	2.47	100.0	260	1225
110.0	40.0	29 36.5	116 17.5	AX	66 03 02	0841	127	469	2.70	100.0	190	705
110.0	45.0	29 24.4	116 39.0	AX	66 03 02	0616	135	459	2.93	100.0	200	46
110.0	50.0	29 15.8	116 59.6	AX	66 03 02	0321	145	423	3.42	100.0	80	19
110.0	55.0	29 06.5	117 19.0	AX	66 03 02	0031	140	430	3.27	100.0	79	42
110.0	60.0	28 56.5	117 37.0	AX	66 03 01	2211	132	456	2.89	100.0	31	57
110.0	65.0	28 47.0	117 57.8	AX	66 03 01	1941	142	437	3.24	100.0	30	55
110.0	70.0	28 36.3	118 19.2	AX	66 03 01	1701	131	454	2.89	100.0	15	42
110.0	80.0	28 16.5	118 57.5	AX	66 03 01	1111	133	428	3.11	100.0	9	56
113.0	29.0	29 24.2	115 13.2	AX	66 03 02	1859	22	135	1.67	100.0	34	116
113.0	30.0	29 22.0	115 18.0	AX	66 03 02	1959	35	124	2.80	100.0	109	14
113.0	35.0	29 11.5	115 38.0	AX	66 03 02	2256	124	390	3.17	100.0	48	19
113.0	40.0	29 02.0	115 57.5	AX	66 03 03	0226	147	442	3.32	100.0	629	536
113.0	45.0	28 52.0	116 18.7	AX	66 03 03	0501	128	444	2.89	100.0	325	45
113.0	50.0	28 42.0	116 38.0	AX	66 03 03	0751	129	456	2.84	100.0	24	10
113.0	55.0	28 36.5	116 53.0	AX	66 03 03	0946	138	423	3.26	100.0	42	25
113.0	60.0	28 27.4	117 11.3	AX	66 03 03	1211	142	433	3.29	100.0	18	33
113.0	65.0	28 12.0	117 36.0	AX	66 03 03	1511	144	431	3.35	100.0	7	11
113.0	70.0	28 01.6	117 57.0	AX	66 03 03	1741	147	414	3.56	100.0	5	13
117.0	25.0	28 58.0	114 37.0	AX	66 03 05	0009	24	165	1.46	100.0	44	166
117.0	26.0	28 56.0	114 41.5	AX	66 03 04	2329	48	173	2.77	100.0	353	2280
117.0	30.0	28 48.0	114 56.5	AX	66 03 04	2128	65	241	2.68	100.0	317	2437
117.0	35.0	28 38.0	115 16.0	AX	66 03 04	1901	144	428	3.36	100.0	2077	444
117.0	40.0	28 28.0	115 35.5	AX	66 03 04	1636	145	419	3.46	100.0	283	56
117.0	45.0	28 18.0	115 56.0	AX	66 03 04	1131	139	442	3.15	100.0	9	4
117.0	50.0	28 06.8	116 16.0	AX	66 03 04	0851	134	466	2.87	100.0	17	28
117.0	55.0	28 02.5	116 35.3	AX	66 03 04	0631	137	448	3.07	100.0	41	164
117.0	60.0	27 52.0	116 54.1	AX	66 03 04	0356	129	462	2.80	100.0	14	7
117.0	65.0	27 40.5	117 14.4	AX	66 03 04	0121	136	426	3.13	100.0	94	39
117.0	70.0	27 29.5	117 33.4	AX	66 03 03	2156	130	472	2.76	100.0	16	7
119.0	33.0	28 19.0	114 53.0	AX	66 03 05	0937	98	325	3.01	100.0	272	2419
120.0	24.0	28 23.7	114 10.2	AX	66 03 05	0419	18	146	1.26	100.0	492	414
120.0	25.0	28 21.7	114 14.7	AX	66 03 05	0454	34	120	2.84	100.0	594	153
120.0	30.0	28 13.0	114 34.0	AX	66 03 05	0708	69	237	2.90	100.0	297	14
120.0	35.0	28 03.0	114 54.0	AX	66 03 05	1142	76	228	3.33	100.0	413	745

TABLE 1. (cont.)

CalCOFI Cruise 6602

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	40.0	27 56.5	115 14.0	AX	66 03 05	1344	32	235	1.35	100.0	332	96
120.0	45.0	27 13.0	115 30.0	AX	66 03 05	1616	142	430	3.30	100.0	47	4
120.0	50.0	27 33.0	115 52.5	AX	66 03 05	1831	142	435	3.26	100.0	29	8
120.0	55.0	27 23.0	116 12.0	AX	66 03 05	2041	139	444	3.14	100.0	29	10
120.0	60.0	27 13.0	116 30.5	AX	66 03 05	2251	136	468	2.90	100.0	66	3

TABLE 1. (cont.)

CalCOFI Cruise 6604

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37 57.5	122 53.0	AL	66 04 10	1534	33	120	2.79	100.0	36	25
60.0	52.0	37 54.0	123 01.7	AL	66 04 10	1422	68	264	2.55	100.0	32	53
60.0	55.0	37 46.5	123 15.0	AL	66 04 10	1247	70	295	2.37	100.0	32	66
60.0	60.0	37 37.0	123 37.0	AL	66 04 10	1010	142	483	2.94	100.0	7	30
60.0	65.0	37 30.0	123 58.0	AL	66 04 10	0725	143	483	2.96	100.0	161	81
60.0	70.0	37 16.5	124 20.0	AL	66 04 10	0450	141	472	2.99	100.0	96	248
63.0	50.0	37 23.3	122 27.8	AL	66 04 09	1228	20	183	1.11	100.0	4	8
63.0	52.0	37 19.0	122 36.0	AL	66 04 09	1352	68	143	4.78	100.0	27	5
63.0	55.0	37 12.7	122 50.0	AL	66 04 09	1550	140	472	2.96	100.0	264	40
63.0	60.0	37 03.0	123 12.0	AL	66 04 09	1855	144	453	3.19	100.0	109	87
63.0	65.0	36 50.0	123 33.0	AL	66 04 09	2140	142	485	2.92	100.0	1002	139
63.0	70.0	36 42.0	123 53.0	AL	66 04 10	0010	139	503	2.77	100.0	234	133
67.0	48.0	36 53.0	121 56.0	AL	66 04 09	0749	34	220	1.54	100.0	22	76
67.0	50.0	36 47.5	122 04.0	AL	66 04 09	0610	142	491	2.89	100.0	431	46
67.0	55.0	36 39.8	122 25.5	AL	66 04 09	0400	140	461	3.04	100.0	135	52
67.0	60.0	36 27.5	122 46.7	AL	66 04 09	0120	139	467	2.98	100.0	195	43
67.0	65.0	36 18.0	123 09.0	AL	66 04 08	2230	140	470	2.98	100.0	316	224
67.0	70.0	36 08.0	123 29.0	AL	66 04 08	1945	139	472	2.95	100.0	155	295
67.0	80.0	35 48.0	124 11.5	AL	66 04 08	1505	139	502	2.78	100.0	33	32
70.0	51.0	36 11.0	121 44.0	AL	66 04 07	1940	145	495	2.93	100.0	648	7
70.0	53.0	36 06.0	121 56.0	AL	66 04 07	2115	146	487	3.00	100.0	280	3
70.0	60.0	35 51.5	122 21.5	AL	66 04 08	0050	142	457	3.10	100.0	335	238
70.0	65.0	35 43.0	122 44.5	AL	66 04 08	0325	141	488	2.89	100.0	165	13
70.0	70.0	35 32.5	123 05.5	AL	66 04 08	0555	134	540	2.48	100.0	368	94
70.0	80.0	35 17.0	123 40.0	AL	66 04 08	1035	143	477	3.00	100.0	85	25
73.0	50.0	35 37.0	121 17.0	AL	66 04 07	0852	69	258	2.68	100.0	487	17
73.0	53.0	35 31.0	121 28.5	AL	66 04 07	0705	144	486	2.97	100.0	248	208
73.0	60.0	35 16.0	121 59.0	AL	66 04 07	0320	139	490	2.85	100.0	180	16
73.0	70.0	34 57.5	122 04.0	AL	66 04 06	2140	143	510	2.80	100.0	171	22
73.0	80.0	34 37.0	123 21.0	AL	66 04 06	1655	141	510	2.77	100.0	203	25
73.0	90.0	34 20.5	124 02.0	AL	66 04 06	1205	138	485	2.86	100.0	176	205
77.0	48.0	35 08.3	120 43.7	AL	66 04 05	0934	16	152	1.03	100.0	75	656
77.0	51.0	35 02.0	120 56.5	AL	66 04 05	1125	138	478	2.89	100.0	177	26
77.0	55.0	34 53.5	121 14.0	AL	66 04 05	1335	124	492	2.52	100.0	387	69
77.0	60.0	34 43.0	121 33.5	AL	66 04 05	1615	137	502	2.72	100.0	406	43
77.0	65.0	34 33.5	121 54.5	AL	66 04 05	1900	137	511	2.67	100.0	702	229
77.0	70.0	34 25.0	122 15.5	AL	66 04 05	2140	141	514	2.74	100.0	513	249
77.0	80.0	34 03.0	122 59.0	AL	66 04 06	0220	140	492	2.84	100.0	233	26
77.0	90.0	33 44.0	123 38.3	AL	66 04 06	0700	140	491	2.84	100.0	47	4
80.0	51.0	34 26.0	120 31.0	AL	66 04 05	0427	67	248	2.69	100.0	1041	30
80.0	52.0	34 24.0	120 36.0	AL	66 04 05	0325	139	457	3.04	100.0	523	76
80.0	55.0	34 18.0	120 47.0	AL	66 04 05	0105	139	416	3.35	100.0	512	166
80.0	60.0	34 09.5	121 08.2	AL	66 04 04	2240	134	436	3.08	100.0	971	295
80.0	65.0	34 01.0	121 30.0	AL	66 04 04	2005	125	527	2.38	100.0	310	157
80.0	70.0	33 48.0	121 49.0	AL	66 04 04	1705	134	501	2.68	100.0	347	36

TABLE 1. (cont.)

CalCOFI Cruise 6604

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	80.0	33 27.0	122 33.0	AL	66 04 04	1225	138	457	3.03	100.0	36	8
80.0	90.0	33 10.0	123 10.0	AL	66 04 04	0755	133	484	2.75	100.0	54	4
82.0	47.0	34 15.5	119 59.0	AL	66 04 03	0005	133	432	3.07	100.0	815	813
83.0	40.0	34 14.0	119 22.0	AL	66 04 02	2000	11	154	0.74	100.0	1081	13380
83.0	43.0	34 08.0	119 34.0	AL	66 04 02	2125	134	436	3.07	100.0	963	1801
83.0	51.0	33 52.0	120 09.0	AL	66 04 03	0412	64	221	2.91	100.0	297	3164
83.0	55.0	33 45.0	120 24.0	AL	66 04 03	0625	133	454	2.93	100.0	613	2038
83.0	60.0	33 33.0	120 46.0	AL	66 04 03	0915	137	454	3.01	100.0	323	1743
83.0	65.0	33 24.2	121 05.5	AL	66 04 03	1200	133	440	3.01	100.0	364	1092
83.0	70.0	33 16.5	121 25.0	AL	66 04 03	1430	137	436	3.14	100.0	132	986
83.0	80.0	32 53.5	122 07.4	AL	66 04 03	1920	138	424	3.26	100.0	236	34
83.0	90.0	32 35.5	122 46.5	AL	66 04 04	0255	137	466	2.94	100.0	128	42
87.0	35.0	33 50.0	118 37.0	AL	66 04 02	1450	133	451	2.96	100.0	552	1268
87.0	40.0	33 40.0	118 57.0	AL	66 04 01	1405	133	449	2.97	100.0	619	3020
87.0	45.0	33 30.0	119 19.0	AL	66 04 01	1125	127	461	2.75	100.0	467	4489
87.0	50.0	33 20.0	119 39.0	AL	66 04 01	0908	58	215	2.71	100.0	615	4016
87.0	55.0	33 12.0	120 00.0	AL	66 04 01	0625	134	428	3.14	100.0	130	4090
87.0	60.0	33 01.0	120 20.0	AL	66 04 01	0325	146	366	3.97	100.0	471	845
87.0	65.0	32 51.0	120 40.0	AL	66 04 01	0045	145	420	3.46	100.0	254	38
87.0	70.0	32 42.0	121 04.0	AL	66 03 31	2135	141	417	3.38	100.0	163	27
87.0	80.0	32 18.0	121 45.0	AL	66 03 31	1610	144	430	3.34	100.0	31	6
87.0	90.0	32 02.0	122 19.0	AL	66 03 31	1230	145	454	3.21	100.0	449	62
90.0	28.0	33 28.0	117 46.0	AL	66 03 29	2133	53	203	2.61	100.0	430	820
90.0	32.0	33 20.0	118 03.0	AL	66 03 29	2340	132	450	2.94	100.0	354	1890
90.0	37.0	33 12.0	118 23.0	AL	66 03 30	0225	133	451	2.96	100.0	757	1358
90.0	45.0	32 55.0	118 54.0	AL	66 03 30	0625	137	434	3.15	100.0	349	1165
90.0	53.0	32 39.0	119 28.0	AL	66 03 30	0955	133	455	2.92	100.0	367	19532
90.0	60.0	32 27.0	119 58.0	AL	66 03 30	1320	140	448	3.12	100.0	426	276
90.0	65.0	32 19.0	120 16.0	AL	66 03 30	1645	144	431	3.33	100.0	130	61
90.0	70.0	32 09.0	120 37.0	AL	66 03 30	1935	141	417	3.47	100.0	521	34
90.0	80.0	31 48.0	121 17.0	AL	66 03 31	0100	140	422	3.32	100.0	231	34
90.0	90.0	31 26.0	121 58.0	AL	66 03 31	0545	119	485	2.46	100.0	74	33
93.0	28.0	32 54.0	117 22.0	AL	66 03 29	1640	123	509	2.41	100.0	379	68
93.0	28.0	32 53.9	117 21.7	AX	66 05 01	1836	128	426	3.01	100.0	414	26
93.0	30.0	32 50.0	117 31.0	AL	66 03 29	1445	127	398	3.20	100.0	580	266
93.0	30.0	32 50.5	117 31.0	AX	66 05 01	2041	134	400	3.36	100.0	364	86
93.0	35.0	32 40.0	117 50.0	AL	66 03 29	1145	127	471	2.69	100.0	244	1520
93.0	40.0	32 25.0	118 10.0	AL	66 03 29	0900	130	460	2.83	100.0	937	706
93.0	40.0	32 30.0	118 11.5	AX	66 05 02	0131	128	430	2.98	100.0	325	2383
93.0	45.0	32 20.0	118 32.0	AL	66 03 29	0615	139	462	3.01	100.0	399	1092
93.0	50.0	32 10.0	118 51.3	AX	66 05 02	0625	121	437	2.78	100.0	2615	426
93.0	50.0	32 10.0	118 54.0	AL	66 03 29	0315	140	434	3.22	100.0	639	1600
93.0	55.0	32 01.0	119 14.0	AL	66 03 29	0035	128	511	2.51	100.0	847	1516
93.0	60.0	31 55.0	119 33.0	AL	66 03 28	2155	137	448	3.05	100.0	730	97
93.0	60.0	31 49.5	119 33.5	AX	66 05 02	1131	135	387	3.48	100.0	785	188

TABLE 1. (cont.)

CalCOFI Cruise 6604

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	65.0	31	48.0	119	52.0	AL	66	03	28	1925	144	453	3.17	100.0	318	31
93.0	70.0	31	31.0	120	15.0	AL	66	03	28	1620	131	490	2.68	100.0	67	53
93.0	70.0	31	28.4	120	15.3	AX	66	05	02	1646	141	346	4.06	100.0	20	116
93.0	80.0	31	13.0	120	54.0	AL	66	03	28	1110	137	456	3.01	100.0	41	61
93.0	80.0	31	09.0	120	55.0	AX	66	05	02	2141	139	362	3.83	100.0	76	1075
93.0	90.0	30	50.0	121	34.5	AX	66	05	03	0326	134	374	3.60	100.0	22	189
93.0	90.0	30	50.0	121	34.0	AL	66	03	28	0700	139	461	3.01	100.0	78	30
93.0	100.0	30	30.0	122	15.0	AX	66	05	03	0831	134	396	3.39	100.0	47	57
97.0	29.0	32	17.3	117	04.7	AX	66	04	14	1344	50	211	2.39	100.0	13	481
97.0	30.0	32	15.4	117	07.3	AX	66	04	14	1423	49	227	2.16	100.0	204	3531
97.0	32.0	32	13.2	117	15.6	AL	66	03	26	1445	163	389	4.20	100.0	330	265
97.0	35.0	32	10.1	117	27.6	AL	66	03	26	1700	139	474	2.93	100.0	512	468
97.0	40.0	31	53.0	117	46.0	AL	66	03	26	1945	129	472	2.74	100.0	124	41
97.0	45.0	31	46.0	118	08.0	AL	66	03	26	2245	135	456	2.97	100.0	293	98
97.0	50.0	31	38.0	118	30.0	AL	66	03	27	0330	115	538	2.14	100.0	736	96
97.0	55.0	31	25.0	118	50.0	AL	66	03	27	0630	138	445	3.11	100.0	29	12
97.0	60.0	31	15.0	119	10.0	AL	66	03	27	0920	141	455	3.09	100.0	138	56
97.0	65.0	31	06.0	119	30.0	AL	66	03	27	1235	132	464	2.85	100.0	346	43
97.0	70.0	30	56.0	119	49.0	AL	66	03	27	1535	138	444	3.11	100.0	68	29
97.0	80.0	30	35.0	120	31.0	AL	66	03	27	2025	144	435	3.30	100.0	110	42
97.0	90.0	30	15.0	121	10.0	AL	66	03	28	0045	132	454	2.91	100.0	115	137
100.0	29.0	31	42.2	116	43.5	AX	66	04	14	1810	139	464	2.99	100.0	55	141
100.0	30.0	31	40.7	116	47.1	AX	66	04	14	1900	132	461	2.86	100.0	208	26
100.0	35.0	31	31.6	117	07.0	AX	66	04	14	2136	156	388	4.03	100.0	25	126
100.0	40.0	31	21.0	117	27.0	AX	66	04	15	0006	134	462	2.89	100.0	218	480
100.0	45.0	31	11.5	117	46.5	AX	66	04	15	0246	149	400	3.74	100.0	149	102
100.0	50.0	30	59.9	118	08.1	AX	66	04	15	0511	134	433	3.10	100.0	24	293
100.0	55.0	30	50.6	118	27.0	AX	66	04	15	0731	137	441	3.11	100.0	19	38
100.0	60.0	30	38.1	118	47.6	AX	66	04	15	1025	146	417	3.49	100.0	30	585
100.0	65.0	30	30.0	119	08.5	AX	66	04	15	1256	140	458	3.06	100.0	26	424
100.0	70.0	30	21.0	119	27.0	AX	66	04	15	1516	140	429	3.28	100.0	20	105
100.0	80.0	30	00.0	120	06.9	AX	66	04	15	1956	146	405	3.60	100.0	135	461
100.0	90.0	29	42.0	120	44.0	AX	66	04	16	0001	145	417	3.48	100.0	143	132
103.0	29.0	31	07.0	116	21.0	AX	66	04	17	0915	26	168	1.55	100.0	156	96
103.0	30.0	31	06.0	116	24.7	AX	66	04	17	0844	54	176	3.04	100.0	48	30
103.0	35.0	30	55.8	116	45.2	AX	66	04	17	0616	143	351	4.08	100.0	27	401
103.0	40.0	30	46.0	117	04.7	AX	66	04	17	0247	142	405	3.51	100.0	40	39
103.0	45.0	30	36.0	117	25.0	AX	66	04	17	0012	132	433	3.05	100.0	33	156
103.0	50.0	30	26.0	117	45.0	AX	66	04	16	2148	142	385	3.70	100.0	41	83
103.0	55.0	30	16.0	118	04.5	AX	66	04	16	1931	123	424	2.91	100.0	34	935
103.0	60.0	30	05.9	118	25.0	AX	66	04	16	1716	132	437	3.03	100.0	37	209
103.0	65.0	29	57.0	118	43.0	AX	66	04	16	1451	126	454	2.78	100.0	87	1424
103.0	70.0	29	46.0	119	04.0	AX	66	04	16	1228	132	439	3.01	100.0	30	177
103.0	80.0	29	25.0	119	43.0	AX	66	04	16	0815	147	406	3.61	100.0	69	110
103.0	90.0	29	05.2	120	22.7	AX	66	04	16	0406	139	430	3.24	100.0	150	74

TABLE 1. (cont.)

CalCOFI Cruise 6604

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	31.0	30	27.7	116	07.0	AX	66	04	17	1342	35	123	2.87	100.0	48	54
107.0	32.0	30	25.0	116	11.5	AX	66	04	17	1427	131	414	3.17	100.0	46	95
107.0	35.0	30	21.6	116	22.3	AX	66	04	17	1604	136	402	3.39	100.0	40	73
107.0	40.0	30	11.0	116	42.0	AX	66	04	17	1826	137	374	3.67	100.0	24	26
107.0	45.0	30	00.8	117	02.2	AX	66	04	17	2046	144	396	3.63	100.0	73	111
107.0	50.0	29	51.0	117	21.7	AX	66	04	17	2301	138	408	3.38	100.0	60	141
107.0	55.0	29	40.5	117	42.2	AX	66	04	18	0146	137	374	3.66	100.0	55	220
107.0	60.0	29	30.9	118	01.3	AX	66	04	18	0406	139	393	3.53	100.0	106	79
107.0	65.0	29	21.3	118	20.8	AX	66	04	18	0631	146	371	3.93	100.0	74	149
107.0	70.0	29	11.3	118	41.0	AX	66	04	18	0901	145	394	3.69	100.0	19	393
107.0	80.0	28	51.2	119	20.7	AX	66	04	18	1311	135	398	3.39	100.0	45	983
107.0	90.0	28	31.9	119	59.7	AX	66	04	18	1716	126	439	2.87	100.0	67	107
110.0	32.0	29	52.0	115	48.0	AX	66	04	20	0224	21	121	1.72	100.0	133	132
110.0	33.0	29	50.2	115	52.5	AX	66	04	20	0107	91	306	2.97	100.0	147	46
110.0	35.0	29	46.0	116	00.0	AX	66	04	19	2336	129	420	3.06	100.0	463	210
110.0	40.0	29	36.5	116	19.8	AX	66	04	19	2121	147	389	3.77	100.0	47	117
110.0	45.0	29	25.0	116	37.1	AX	66	04	19	1848	142	413	3.44	100.0	64	14
110.0	50.0	29	16.0	117	00.7	AX	66	04	19	1616	136	431	3.15	100.0	28	23
110.0	55.0	29	05.4	117	20.0	AX	66	04	19	1341	136	424	3.21	100.0	7	14
110.0	60.0	28	56.5	117	38.5	AX	66	04	19	1131	147	399	3.68	100.0	22	367
110.0	65.0	28	46.5	117	58.0	AX	66	04	19	0901	141	403	3.51	100.0	22	60
110.0	70.0	28	36.3	118	17.8	AX	66	04	19	0633	142	393	3.61	100.0	12	42
110.0	80.0	28	16.0	118	57.0	AX	66	04	19	0209	133	424	3.14	100.0	27	134
110.0	90.0	27	56.1	119	35.9	AX	66	04	18	2153	146	379	3.86	100.0	42	174
113.0	29.0	29	24.2	115	13.3	AX	66	04	20	0650	21	136	1.57	100.0	54	131
113.0	30.0	29	22.0	115	18.0	AX	66	04	20	0740	56	169	3.34	100.0	11	115
113.0	35.0	29	11.5	115	38.0	AX	66	04	20	1001	154	380	4.06	100.0	28	64
113.0	40.0	29	04.0	115	58.0	AX	66	04	20	1216	135	434	3.10	100.0	19	46
113.0	45.0	28	58.0	116	18.0	AX	66	04	20	1446	134	422	3.17	100.0	11	8
113.0	50.0	28	41.5	116	37.0	AX	66	04	20	1701	143	410	3.49	100.0	10	5
113.0	55.0	28	31.5	116	56.2	AX	66	04	20	1926	118	457	2.58	100.0	107	0
113.0	60.0	28	22.0	117	15.5	AX	66	04	20	2131	140	435	3.21	100.0	30	1
113.0	65.0	28	12.0	117	35.0	AX	66	04	20	2356	135	432	3.13	100.0	54	5
113.0	70.0	28	02.2	117	54.2	AX	66	04	21	0221	134	420	3.18	100.0	32	172
113.0	80.0	27	39.0	118	33.0	AX	66	04	21	0636	131	441	2.97	100.0	27	97
117.0	25.0	28	58.2	114	37.0	AX	66	04	22	2133	41	170	2.40	100.0	79	384
117.0	26.0	28	55.7	114	41.4	AX	66	04	22	2033	68	214	3.19	100.0	80	320
117.0	30.0	28	48.0	114	56.5	AX	66	04	22	1832	93	247	3.75	100.0	550	2063
117.0	35.0	28	37.8	115	17.5	AX	66	04	22	1611	142	340	4.17	100.0	76	931
117.0	40.0	28	28.0	115	35.7	AX	66	04	22	0646	139	388	3.59	100.0	110	85
117.0	45.0	28	16.7	115	56.8	AX	66	04	22	0346	132	396	3.34	100.0	116	34
117.0	50.0	28	05.0	116	13.0	AX	66	04	22	0121	128	413	3.10	100.0	17	10
117.0	55.0	27	57.5	116	34.5	AX	66	04	21	2251	142	378	3.74	100.0	34	16
117.0	60.0	27	48.2	116	52.2	AX	66	04	21	2036	150	385	3.89	100.0	83	161
117.0	65.0	27	37.7	117	13.0	AX	66	04	21	1804	120	474	2.53	100.0	91	3752

TABLE 1. (cont.)

CalCOFI Cruise 6604

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117.0	70.0	27	28.0	117	32.0	AX	66	04	21	1536	136	432	3.16	100.0	46	327
117.0	80.0	27	08.3	118	10.5	AX	66	04	21	1106	146	410	3.57	100.0	25	131
118.0	39.0	28	18.5	115	23.8	AX	66	04	22	0836	150	345	4.34	100.0	147	84
119.0	33.0	28	19.0	114	52.8	AX	66	04	23	0642	106	297	3.58	100.0	7	837
120.0	24.0	28	24.2	114	11.2	AX	66	04	23	0139	33	148	2.25	100.0	479	1394
120.0	25.0	28	22.5	114	15.2	AX	66	04	23	0224	50	179	2.77	100.0	121	2007
120.0	30.0	28	13.1	114	33.8	AX	66	04	23	0437	88	275	3.20	100.0	44	1064
120.0	35.0	28	03.0	114	54.0	AX	66	04	23	0823	69	218	3.16	100.0	80	1021
120.0	40.0	27	56.5	115	14.0	AX	66	04	23	1022	34	151	2.23	100.0	134	796
120.0	45.0	27	41.8	115	32.0	AX	66	04	23	1251	133	419	3.18	100.0	10	7
120.0	50.0	27	32.4	115	52.3	AX	66	04	23	1501	110	517	2.13	100.0	27	8
120.0	55.0	27	22.8	116	12.1	AX	66	04	23	1726	133	431	3.08	100.0	17	91
120.0	60.0	27	13.1	116	30.6	AX	66	04	23	1931	143	395	3.61	100.0	75	193
120.0	65.0	27	03.0	116	50.5	AX	66	04	23	2151	142	388	3.67	100.0	97	121
120.0	70.0	26	53.0	117	10.0	AX	66	04	24	0016	125	439	2.84	100.0	38	132
120.0	80.0	26	34.8	117	53.0	AX	66	04	24	0441	138	395	3.49	100.0	20	246
123.0	36.0	27	26.0	114	36.0	AX	66	04	25	0230	33	194	1.71	100.0	100	0
123.0	37.0	27	24.0	114	40.2	AX	66	04	25	0140	58	231	2.49	100.0	140	12
123.0	42.0	27	14.0	114	59.1	AX	66	04	24	2306	118	457	2.58	100.0	77	305
123.0	45.0	27	08.0	115	10.5	AX	66	04	24	2126	149	393	3.78	100.0	6	111
123.0	50.0	26	58.0	115	30.8	AX	66	04	24	1901	138	401	3.44	100.0	31	252
123.0	55.0	26	47.2	115	50.3	AX	66	04	24	1626	137	410	3.34	100.0	7	103
123.0	60.0	26	38.8	116	08.0	AX	66	04	24	1356	139	414	3.37	100.0	2	60
127.0	33.0	26	57.3	114	02.3	AX	66	04	25	0658	45	203	2.24	100.0	3	1
127.0	34.0	26	55.2	114	06.5	AX	66	04	25	0743	74	240	3.09	100.0	11	567
127.0	40.0	26	43.5	114	29.0	AX	66	04	25	1016	135	370	3.65	100.0	419	243
127.0	45.0	26	33.8	114	49.0	AX	66	04	25	1236	122	476	2.57	100.0	13	56
127.0	50.0	26	22.8	115	10.0	AX	66	04	25	1500	139	428	3.25	100.0	1	93
127.0	55.0	26	13.8	115	27.0	AX	66	04	25	1711	131	452	2.91	100.0	21	126
127.0	60.0	26	03.4	115	46.9	AX	66	04	25	1925	131	436	3.00	100.0	52	49
130.0	28.0	26	32.3	113	20.8	AX	66	04	26	1513	68	128	5.35	100.0	2	130
130.0	30.0	26	29.0	113	28.2	AX	66	04	26	1403	63	229	2.76	100.0	5	585
130.0	35.0	26	20.4	113	50.0	AX	66	04	26	1146	137	413	3.33	100.0	24	583
130.0	40.0	26	09.0	114	07.5	AX	66	04	26	0910	141	400	3.53	100.0	28	308
130.0	45.0	25	58.2	114	26.7	AX	66	04	26	0656	140	396	3.54	100.0	43	152
130.0	50.0	25	46.7	114	46.9	AX	66	04	26	0416	140	397	3.53	100.0	98	33
130.0	55.0	25	39.0	115	05.0	AX	66	04	26	0156	128	434	2.95	100.0	81	85
130.0	60.0	25	29.0	115	24.0	AX	66	04	25	2326	145	399	3.64	100.0	18	93
133.0	23.0	26	08.6	112	40.2	AX	66	04	26	1928	65	218	2.96	100.0	550	85
133.0	25.0	26	05.0	112	47.8	AX	66	04	26	2033	65	205	3.18	100.0	55	57
133.0	30.0	25	54.5	113	07.5	AX	66	04	26	2256	125	439	2.86	100.0	35	20
133.0	35.0	25	42.5	113	25.4	AX	66	04	27	0121	142	409	3.48	100.0	53	53
133.0	40.0	25	32.8	113	44.0	AX	66	04	27	0336	127	445	2.86	100.0	124	169
133.0	45.0	25	24.5	114	04.3	AX	66	04	27	0606	126	430	2.94	100.0	65	1070
133.0	50.0	25	14.5	114	23.5	AX	66	04	27	0821	146	372	3.93	100.0	29	189

TABLE 1. (cont.)

CalCOFI Cruise 6604

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
133.0	55.0	25 04.8	114 42.5	AX	66 04 27	1050	147	385	3.81	100.0	21	60
133.0	60.0	24 54.8	115 02.0	AX	66 04 27	1306	128	440	2.91	100.0	37	23
137.0	22.0	25 36.0	112 15.0	AX	66 04 28	1202	40	175	2.26	100.0	243	94
137.0	23.0	25 34.0	112 18.8	AX	66 04 28	1108	77	181	4.24	100.0	63	52
137.0	30.0	25 19.1	112 47.0	AX	66 04 28	0756	146	353	4.13	100.0	54	140
137.0	35.0	25 10.3	113 04.8	AX	66 04 28	0546	128	392	3.27	100.0	22	160
137.0	40.0	25 00.0	113 24.0	AX	66 04 28	0300	143	362	3.93	100.0	49	605
137.0	45.0	24 50.0	113 42.5	AX	66 04 28	0031	137	389	3.52	100.0	23	36
137.0	50.0	24 40.0	114 02.0	AX	66 04 27	2206	139	390	3.58	100.0	39	51
137.0	55.0	24 30.0	114 20.5	AX	66 04 27	1941	146	389	3.75	100.0	85	212
137.0	60.0	24 19.6	114 40.8	AX	66 04 27	1711	144	394	3.65	100.0	61	11

TABLE 1. (cont.)

CalCOFI Cruise 6605

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	51.0	34 26.0	120 32.5	JD	66 05 05	1843	55	262	2.09	100.0	112	9
80.0	52.0	34 24.5	120 37.0	JD	66 05 05	1746	135	431	3.14	100.0	301	43
80.0	55.0	34 19.0	120 48.0	JD	66 05 05	1606	125	470	2.65	100.0	299	62
80.0	60.0	34 09.0	121 09.0	JD	66 05 05	1306	136	393	3.45	100.0	2098	362
80.0	65.0	33 59.0	121 30.0	JD	66 05 05	1006	138	420	3.28	100.0	26	19
80.0	70.0	33 48.0	121 50.0	JD	66 05 05	0726	141	429	3.29	100.0	32	64
80.0	80.0	33 29.0	122 32.0	JD	66 05 05	0325	141	412	3.43	100.0	196	1231
80.0	90.0	33 08.0	123 13.0	JD	66 05 04	2336	137	439	3.12	100.0	70	35
82.0	47.0	34 15.0	119 59.0	JD	66 05 05	2156	120	435	2.76	100.0	178	76
83.0	40.0	34 14.0	119 22.0	JD	66 05 06	0234	19	220	0.88	100.0	1023	362
83.0	43.0	34 08.0	119 34.0	JD	66 05 06	0041	131	446	2.94	100.0	653	49
83.0	51.0	33 52.0	120 08.5	JD	66 05 07	0202	104	332	3.11	100.0	2044	3562
83.0	55.0	33 45.0	120 22.0	JD	66 05 07	0411	145	440	3.64	100.0	244	358
83.0	60.0	33 34.0	120 45.0	JD	66 05 07	0646	144	392	3.68	100.0	461	668
83.0	65.0	33 24.0	121 06.0	JD	66 05 07	0921	140	412	3.39	100.0	129	273
83.0	70.0	33 13.5	121 26.3	JD	66 05 07	1156	133	432	3.08	100.0	16	10
83.0	80.0	32 54.0	122 08.0	JD	66 05 07	1611	127	430	2.96	100.0	62	94
83.0	90.0	32 33.5	122 50.0	JD	66 05 07	2036	137	400	3.44	100.0	41	340
87.0	33.0	33 54.2	118 29.4	JD	66 05 09	0509	32	193	1.67	100.0	683	2359
87.0	35.0	33 50.0	118 37.5	JD	66 05 09	0356	140	406	3.45	100.0	881	4278
87.0	40.0	33 40.0	118 58.0	JD	66 05 09	0136	136	412	3.29	100.0	2094	1263
87.0	45.0	33 30.0	119 19.0	JD	66 05 08	2306	138	435	3.18	100.0	665	1413
87.0	50.0	33 20.0	119 39.5	JD	66 05 08	2038	51	190	2.71	100.0	3229	1801
87.0	55.0	33 13.0	119 59.0	JD	66 05 08	1831	141	427	3.31	100.0	391	31
87.0	60.0	33 00.0	120 21.5	JD	66 05 08	1436	141	406	3.48	100.0	545	393
87.0	65.0	32 49.5	120 41.5	JD	66 05 08	1206	140	450	3.12	100.0	86	43
87.0	70.0	32 40.0	121 02.0	JD	66 05 08	0936	142	380	3.75	100.0	79	227
87.0	80.0	32 19.5	121 43.0	JD	66 05 08	0531	145	395	3.67	100.0	15	175
87.0	90.0	31 59.0	122 25.0	JD	66 05 08	0111	140	396	3.54	100.0	97	301
90.0	28.0	33 28.5	117 46.8	JD	66 05 09	0936	139	424	3.29	100.0	2038	1166
90.0	32.0	33 21.0	118 01.6	JD	66 05 09	1131	141	410	3.43	100.0	1084	2000
90.0	37.0	33 11.0	118 22.5	JD	66 05 09	1646	140	397	3.52	100.0	566	1207
90.0	45.0	32 54.6	118 55.0	JD	66 05 09	2026	141	419	3.36	100.0	754	453
90.0	50.0	32 45.5	119 15.0	JD	66 05 10	0011	138	406	3.41	100.0	2024	1179
90.0	55.0	32 35.0	119 37.0	JD	66 05 10	0246	138	417	3.31	100.0	116	17
90.0	60.0	32 25.0	119 57.5	JD	66 05 10	0451	141	386	3.67	100.0	226	124
90.0	65.0	32 14.5	120 18.0	JD	66 05 10	0706	137	406	3.38	100.0	37	47
90.0	70.0	32 05.0	120 38.5	JD	66 05 10	0936	140	400	3.50	100.0	61	89
90.0	80.0	31 44.5	121 19.5	JD	66 05 10	1426	140	398	3.51	100.0	73	94
90.0	90.0	31 26.5	122 03.0	JD	66 05 11	0151	141	421	3.34	100.0	54	46
93.0	27.0	32 56.0	117 19.0	JD	66 05 12	1748	65	201	3.24	100.0	384	259
93.0	28.0	32 54.7	117 21.8	JD	66 05 12	1706	126	458	2.75	100.0	1225	1364
93.0	30.0	32 50.5	117 31.0	JD	66 05 12	1536	138	449	3.09	100.0	222	1760
93.0	35.0	32 41.0	117 52.5	JD	66 05 12	1316	138	410	3.35	100.0	718	423
93.0	40.0	32 29.5	118 10.5	JD	66 05 12	0856	138	408	3.38	100.0	571	1335

TABLE 1. (cont.)

CalCOFI Cruise 6605

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	45.0	32	19.0	118	34.5	JD	66	05	12	0546	140	420	3.34	100.0	118	29
93.0	50.0	32	10.0	118	52.5	JD	66	05	12	0351	143	404	3.54	100.0	295	48
93.0	55.0	32	00.0	119	13.0	JD	66	05	12	0016	144	401	3.59	100.0	1500	328
93.0	60.0	31	50.0	119	35.0	JD	66	05	11	2036	142	415	3.41	100.0	662	59
93.0	65.0	31	40.0	119	53.5	JD	66	05	11	1801	143	426	3.35	100.0	13	12
93.0	70.0	31	32.0	120	12.0	JD	66	05	11	1511	142	414	3.43	100.0	7	31
93.0	80.0	31	10.0	120	54.0	JD	66	05	11	1006	141	408	3.46	100.0	73	79
93.0	90.0	30	53.5	121	37.0	JD	66	05	11	0601	145	377	3.85	100.0	203	146
97.0	29.0	32	17.6	117	04.8	JD	66	05	14	1224	32	202	1.57	100.0	43	229
97.0	30.0	32	16.0	117	07.0	JD	66	05	14	1254	48	180	2.67	100.0	259	216
97.0	35.0	32	05.5	117	27.5	JD	66	05	14	1506	139	424	3.29	100.0	39	80
97.0	40.0	31	56.0	117	48.0	JD	66	05	14	1716	139	422	3.29	100.0	1251	1334
97.0	45.0	31	46.0	118	08.5	JD	66	05	14	1926	141	392	3.59	100.0	46	271
97.0	50.0	31	35.5	118	30.0	JD	66	05	14	2146	139	429	3.24	100.0	63	47
97.0	55.0	31	25.0	118	50.0	JD	66	05	15	0006	142	363	3.92	100.0	22	351
97.0	60.0	31	15.0	119	10.0	JD	66	05	15	0236	140	398	3.52	100.0	52	154
97.0	65.0	31	05.0	119	30.5	JD	66	05	15	0446	142	393	3.62	100.0	9	21
97.0	70.0	30	55.5	119	50.3	JD	66	05	15	0706	143	396	3.61	100.0	339	78
97.0	80.0	30	35.0	120	31.0	JD	66	05	15	1106	139	405	3.42	100.0	70	153
97.0	90.0	30	16.0	121	10.0	JD	66	05	15	1501	139	406	3.42	100.0	34	141
100.0	29.0	31	42.2	116	43.4	JD	66	05	16	2327	102	354	2.89	100.0	153	193
100.0	30.0	31	40.5	116	46.5	JD	66	05	16	2231	138	453	3.05	100.0	188	461
100.0	35.0	31	30.5	117	07.0	JD	66	05	16	1956	138	436	3.18	100.0	34	47
100.0	40.0	31	21.0	117	27.0	JD	66	05	16	1746	137	449	3.05	100.0	46	217
100.0	45.0	31	10.5	117	46.0	JD	66	05	16	1531	138	432	3.21	100.0	178	115
100.0	50.0	31	00.0	118	06.0	JD	66	05	16	1305	146	374	3.90	100.0	23	485
100.0	55.0	30	48.0	118	27.0	JD	66	05	16	1031	140	354	3.95	100.0	10	94
100.0	60.0	30	40.5	118	47.5	JD	66	05	16	0816	143	367	3.91	100.0	22	109
100.0	65.0	30	31.0	119	06.0	JD	66	05	16	0611	139	364	3.83	100.0	13	26
100.0	70.0	30	20.0	119	28.0	JD	66	05	16	0326	139	379	3.68	100.0	42	400
100.0	80.0	30	00.0	120	06.3	JD	66	05	15	2331	138	391	3.53	100.0	130	177
100.0	90.0	29	40.0	120	46.8	JD	66	05	15	1926	141	415	3.41	100.0	105	118
103.0	29.0	31	07.0	116	21.0	JD	66	05	17	0324	24	439	1.33	100.0	59	65
103.0	30.0	31	06.0	116	24.5	JD	66	05	17	0413	52	180	2.54	100.0	47	203
103.0	35.0	30	56.0	116	45.0	JD	66	05	17	0611	138	203	3.30	100.0	22	33
103.0	40.0	30	46.8	117	04.5	JD	66	05	17	0826	138	417	3.10	100.0	36	65
103.0	45.0	30	38.5	117	25.5	JD	66	05	17	1041	138	446	3.69	100.0	53	240
103.0	50.0	30	26.0	117	44.5	JD	66	05	17	1301	140	337	3.24	100.0	27	82
103.0	55.0	30	16.0	118	05.0	JD	66	05	17	1521	139	431	3.41	100.0	32	560
103.0	60.0	30	06.0	118	25.0	JD	66	05	17	1726	140	409	3.25	100.0	80	155
103.0	65.0	29	55.0	118	44.0	JD	66	05	17	1951	136	430	3.10	100.0	124	189
103.0	70.0	29	46.5	119	04.0	JD	66	05	17	2201	138	436	3.17	100.0	171	229
103.0	80.0	29	26.0	119	43.0	JD	66	05	18	0201	140	447	3.14	100.0	60	223
103.0	90.0	29	06.2	120	22.0	JD	66	05	18	0606	141	444	3.17	100.0	62	462
107.0	31.0	30	27.8	116	07.0	JD	66	05	19	1329	35	171	2.05	100.0	28	133

TABLE 1. (cont.)

CalCOFI Cruise 6605

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	32.0	30 25.8	116 11.0	JD	66 05 19	1201	141	429	3.29	100.0	52	23
107.0	35.0	30 21.5	116 22.5	JD	66 05 19	1036	140	398	3.53	100.0	11	192
107.0	40.0	30 06.5	116 40.0	JD	66 05 19	0806	140	408	3.42	100.0	38	197
107.0	45.0	29 58.5	117 01.0	JD	66 05 19	0616	140	423	3.32	100.0	98	234
107.0	50.0	29 50.5	117 22.0	JD	66 05 19	0346	141	396	3.56	100.0	83	273
107.0	55.0	29 41.0	117 42.0	JD	66 05 19	0126	141	414	3.39	100.0	67	309
107.0	60.0	29 30.5	118 01.5	JD	66 05 18	2301	140	424	3.30	100.0	142	380
107.0	65.0	29 21.0	118 21.0	JD	66 05 18	2041	138	430	3.22	100.0	243	318
107.0	70.0	29 11.0	118 41.0	JD	66 05 18	1826	143	442	3.24	100.0	60	306
107.0	80.0	28 51.0	119 21.0	JD	66 05 18	1421	140	451	3.09	100.0	61	516
107.0	90.0	28 31.0	119 58.0	JD	66 05 18	1011	137	456	3.01	100.0	49	211
110.0	32.0	29 52.0	115 47.8	JD	66 05 19	1709	18	124	1.44	100.0	27	331
110.0	35.0	29 46.0	116 00.0	JD	66 05 19	1826	142	420	3.39	100.0	36	40
110.0	40.0	29 36.5	116 19.5	JD	66 05 19	2046	138	416	3.33	100.0	123	73
110.0	45.0	29 26.5	116 40.5	JD	66 05 19	2306	138	417	3.31	100.0	121	37
110.0	50.0	29 16.0	117 02.5	JD	66 05 20	0126	140	400	3.51	100.0	152	61
110.0	55.0	29 05.5	117 24.0	JD	66 05 20	0341	414	408	3.46	100.0	185	422
110.0	60.0	28 59.0	117 39.0	JD	66 05 20	0526	141	417	3.38	100.0	33	211
110.0	65.0	28 46.0	117 59.0	JD	66 05 20	0741	138	431	3.21	100.0	50	146
110.0	70.0	28 36.5	118 18.0	JD	66 05 20	1006	135	440	3.07	100.0	39	373
110.0	80.0	28 16.5	118 57.0	JD	66 05 20	1401	139	436	3.19	100.0	63	72
110.0	90.0	27 56.5	119 35.0	JD	66 05 20	1736	140	443	3.17	100.0	89	121
113.0	29.0	29 24.2	115 13.2	JD	66 05 21	2234	18	134	1.35	100.0	4	16
113.0	30.0	29 22.0	115 18.0	JD	66 05 21	2144	48	206	2.33	100.0	9	69
113.0	35.0	29 11.5	115 38.0	JD	66 05 21	1921	125	448	2.78	100.0	163	342
113.0	40.0	29 02.0	115 27.0	JD	66 05 21	1716	138	447	3.08	100.0	18	61
113.0	45.0	29 52.0	116 18.0	JD	66 05 21	1456	136	399	3.41	100.0	166	87
113.0	50.0	28 41.5	116 37.0	JD	66 05 21	1226	138	418	3.31	100.0	16	6
113.0	55.0	28 32.0	117 00.5	JD	66 05 21	0951	136	436	3.12	100.0	66	70
113.0	65.0	28 12.0	117 37.0	JD	66 05 21	0501	140	414	3.38	100.0	34	105
113.0	70.0	28 02.0	117 55.0	JD	66 05 21	0246	137	438	3.14	100.0	43	92
113.0	80.0	27 42.0	118 33.5	JD	66 05 20	2241	137	403	3.39	100.0	129	445
117.0	25.0	28 58.0	114 37.0	JD	66 05 22	0239	43	223	1.83	100.0	1	69
117.0	26.0	28 56.0	114 41.5	JD	66 05 22	0333	70	227	3.08	100.0	8	69
117.0	30.0	28 48.0	114 56.5	JD	66 05 22	0542	94	314	3.00	100.0	307	3490
117.0	35.0	28 38.0	115 16.0	JD	66 05 22	0736	132	438	3.01	100.0	77	75
117.0	40.0	28 28.0	115 35.5	JD	66 05 22	1131	137	428	3.19	100.0	58	41
117.0	45.0	28 18.0	115 56.0	JD	66 05 22	1341	138	415	3.33	100.0	23	32
117.0	50.0	28 08.0	116 15.0	JD	66 05 22	1616	140	490	2.86	100.0	9	126
117.0	55.0	27 58.0	116 34.5	JD	66 05 22	1826	141	432	3.27	100.0	56	658
117.0	60.0	27 48.0	116 53.0	JD	66 05 22	2056	138	424	3.26	100.0	23	2303
117.0	65.0	27 37.5	117 13.0	JD	66 05 22	2351	137	428	3.21	100.0	34	147
117.0	70.0	27 27.5	117 32.5	JD	66 05 23	0206	137	443	3.09	100.0	17	96
117.0	80.0	27 05.6	118 13.5	JD	66 05 23	0601	136	443	3.07	100.0	35	526
118.0	39.0	28 18.5	115 23.7	JD	66 05 22	0951	138	416	3.33	100.0	206	293

TABLE 1. (cont.)

CalCOFI Cruise 6605

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
119.0	33.0	28 19.0	114 53.0	JD	66 05 24	0759	67	227	2.96	100.0	381	970
120.0	24.0	28 25.0	114 10.7	JD	66 05 24	1154	27	166	1.64	100.0	59	679
120.0	25.0	28 22.5	114 15.0	JD	66 05 24	1239	42	219	1.91	100.0	9	302
120.0	30.0	28 13.0	114 34.0	JD	66 05 24	1448	85	266	3.22	100.0	15	623
120.0	35.0	28 03.0	114 54.0	JD	66 05 24	1658	56	242	2.34	100.0	17	281
120.0	40.0	27 56.5	115 14.0	JD	66 05 24	0454	31	218	1.41	100.0	383	485
120.0	45.0	27 43.0	115 33.0	JD	66 05 24	0211	143	387	3.69	100.0	236	27
120.0	50.0	27 33.0	115 52.5	JD	66 05 23	2341	121	408	2.96	100.0	92	164
120.0	55.0	27 23.0	116 12.0	JD	66 05 23	2116	140	401	3.49	100.0	163	131
120.0	60.0	27 13.0	116 30.5	JD	66 05 23	1906	138	453	3.04	100.0	93	183
120.0	65.0	27 03.0	116 50.5	JD	66 05 23	1646	140	416	3.36	100.0	52	184
120.0	70.0	26 53.0	117 10.0	JD	66 05 23	1426	139	404	3.44	100.0	98	77
120.0	80.0	26 31.0	117 48.0	JD	66 05 23	1016	137	413	3.32	100.0	131	278
123.0	36.0	27 26.2	114 36.2	JD	66 05 24	2159	33	203	1.61	100.0	1808	44
123.0	37.0	27 24.2	114 40.0	JD	66 05 24	2238	53	195	2.72	100.0	497	11
123.0	40.0	27 18.0	114 52.0	JD	66 05 25	0021	138	412	3.35	100.0	38	16
123.0	45.0	27 08.0	115 11.5	JD	66 05 25	0236	140	412	3.39	100.0	150	803
123.0	50.0	26 57.8	115 31.0	JD	66 05 25	0501	143	424	3.36	100.0	43	267
123.0	55.0	26 48.3	115 49.0	JD	66 05 25	0701	141	430	3.27	100.0	48	141
123.0	60.0	26 37.0	116 09.8	JD	66 05 25	0916	140	424	3.30	100.0	64	365
123.0	65.0	26 26.5	116 27.0	JD	66 05 25	1126	139	436	3.20	100.0	33	312
123.0	70.0	26 18.5	116 47.0	JD	66 05 25	1316	139	407	3.42	100.0	33	173
127.0	33.0	26 57.5	114 02.2	JD	66 05 26	1044	41	173	2.34	100.0	13	64
127.0	34.0	26 55.0	114 06.5	JD	66 05 26	0944	68	236	2.89	100.0	13	144
127.0	40.0	26 43.0	114 32.5	JD	66 05 26	0651	140	429	3.27	100.0	10	60
127.0	45.0	26 33.0	114 50.0	JD	66 05 26	0426	139	413	3.36	100.0	157	28
127.0	50.0	26 23.0	115 08.5	JD	66 05 26	0205	140	428	3.27	100.0	110	448
127.0	55.0	26 13.5	115 27.0	JD	66 05 25	2341	141	423	3.34	100.0	117	353
127.0	60.0	26 03.5	115 46.5	JD	66 05 25	2131	137	378	3.63	100.0	160	255
127.0	65.0	25 53.0	116 06.0	JD	66 05 25	1916	142	420	3.38	100.0	66	8
127.0	70.0	25 44.0	116 24.5	JD	66 05 25	1701	140	420	3.32	100.0	41	104
130.0	28.0	26 33.0	113 21.0	JD	66 05 26	1449	41	227	1.80	100.0	5	460
130.0	30.0	26 29.0	113 29.0	JD	66 05 26	1608	62	221	2.79	100.0	3	109
130.0	35.0	26 19.0	113 48.0	JD	66 05 26	1816	129	472	2.74	100.0	95	68
130.0	40.0	26 09.0	114 07.0	JD	66 05 26	2016	139	416	3.34	100.0	76	92
130.0	45.0	25 58.5	114 26.0	JD	66 05 26	2236	137	404	3.40	100.0	202	119
130.0	50.0	25 49.0	114 45.0	JD	66 05 27	0051	141	396	3.57	100.0	60	87
130.0	55.0	25 40.0	115 03.5	JD	66 05 27	0311	141	405	3.49	100.0	236	78
130.0	60.0	25 30.0	115 21.5	JD	66 05 27	0531	140	398	3.51	100.0	39	52
130.0	65.0	25 21.0	115 39.5	JD	66 05 27	0746	141	431	3.63	100.0	52	23
130.0	70.0	25 09.0	116 02.0	JD	66 05 27	1016	141	423	3.32	100.0	125	15
133.0	23.0	26 08.7	112 40.4	JD	66 05 28	0934	47	164	2.89	100.0	0	71
133.0	25.0	26 04.7	112 48.0	JD	66 05 28	0818	66	239	2.75	100.0	2	15
133.0	30.0	25 54.5	113 07.5	JD	66 05 28	0556	143	410	3.49	100.0	2	1
133.0	35.0	25 44.5	113 26.7	JD	66 05 28	0331	137	421	3.27	100.0	27	43

TABLE 1. (cont.)

CalCOFI Cruise 6605

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
133.0	40.0	25	34.5	113	45.5	JD	66	05	28	0051	141	415	3.40	100.0	40	44
133.0	45.0	25	24.0	114	05.0	JD	66	05	27	2221	143	419	3.41	100.0	220	24
133.0	50.0	25	14.5	114	24.0	JD	66	05	27	2011	143	419	3.40	100.0	83	973
133.0	55.0	25	04.5	114	13.0	JD	66	05	27	1801	143	416	3.43	100.0	63	53
133.0	60.0	24	54.5	114	02.0	JD	66	05	27	1536	144	411	3.50	100.0	28	36
137.0	22.0	25	36.1	112	14.8	JD	66	05	28	1309	44	208	2.10	100.0	23	69
137.0	23.0	25	34.0	112	19.0	JD	66	05	28	1353	71	218	3.25	100.0	0	0
137.0	30.0	25	20.0	112	46.0	JD	66	05	28	1656	141	412	3.41	100.0	5	34
137.0	35.0	25	10.0	113	04.5	JD	66	05	28	1856	135	427	3.16	100.0	46	127
137.0	40.0	25	00.0	113	23.5	JD	66	05	28	2106	140	394	3.56	100.0	5	500
137.0	45.0	24	50.0	113	43.0	JD	66	05	28	2316	141	401	3.52	100.0	58	1431
137.0	50.0	24	40.0	114	02.0	JD	66	05	29	0136	139	426	3.26	100.0	41	80
137.0	55.0	24	30.0	114	20.5	JD	66	05	29	0351	142	392	3.63	100.0	18	14
137.0	60.0	24	20.0	114	39.5	JD	66	05	29	0556	140	421	3.31	100.0	20	4

TABLE 1. (cont.)

CalCOFI Cruise 6606

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.1	JD	66	06	12	1324	33	122	2.70	100.0	6	80
60.0	52.0	37	52.0	123	01.7	JD	66	06	12	1508	72	227	3.18	100.0	3	75
60.0	55.0	37	47.0	123	15.0	JD	66	06	12	1652	100	315	3.19	100.0	33	7
60.0	60.0	37	37.0	123	37.0	JD	66	06	12	1926	142	709	2.83	100.0	45	4
60.0	65.0	37	27.0	123	58.5	JD	66	06	12	2146	187	579	3.23	100.0	101	16
60.0	70.0	37	17.0	124	21.0	JD	66	06	13	0016	142	343	4.13	100.0	55	17
60.0	80.0	36	56.0	125	04.0	JD	66	06	13	0451	142	475	2.99	100.0	323	14
60.0	90.0	36	37.8	125	47.0	JD	66	06	13	0901	134	364	3.69	100.0	40	8
63.0	50.0	37	23.3	122	27.8	JD	66	06	14	0839	19	156	1.19	100.0	13	24
63.0	52.0	37	19.0	122	36.0	JD	66	06	14	0738	68	246	2.79	100.0	2	90
63.0	55.0	37	13.0	122	50.0	JD	66	06	14	0531	141	432	3.27	100.0	354	9
63.0	60.0	37	03.3	123	12.0	JD	66	06	14	0301	137	424	3.23	100.0	82	20
63.0	65.0	36	53.0	123	33.0	JD	66	06	14	0031	134	472	2.84	100.0	80	33
63.0	70.0	36	42.5	123	54.5	JD	66	06	13	2201	134	466	2.88	100.0	36	212
63.0	80.0	36	23.0	124	38.5	JD	66	06	13	1746	144	436	3.31	12.0	8	22
63.0	90.0	36	03.0	125	20.0	JD	66	06	13	1331	137	389	3.51	100.0	31	410
67.0	48.0	36	52.9	121	56.0	JD	66	06	14	1259	35	121	2.89	100.0	11	273
67.0	50.0	36	48.0	122	05.0	JD	66	06	14	1402	94	267	3.51	100.0	27	108
67.0	55.0	36	39.0	122	26.0	JD	66	06	14	1626	137	447	3.05	100.0	94	142
67.0	60.0	36	28.0	122	47.0	JD	66	06	14	1906	140	457	3.07	100.0	81	112
67.0	65.0	36	17.8	123	08.3	JD	66	06	14	2121	138	433	3.19	100.0	39	21
67.0	70.0	36	08.0	123	29.5	JD	66	06	14	2336	138	423	3.27	100.0	172	92
67.0	80.0	35	48.0	124	12.0	JD	66	06	15	0351	142	436	3.25	100.0	21	101
67.0	90.0	35	26.5	124	57.0	JD	66	06	15	0751	137	428	3.20	100.0	23	55
70.0	51.0	36	11.3	121	42.9	JD	66	06	16	0526	134	444	3.02	100.0	71	8
70.0	53.0	36	06.5	121	54.0	JD	66	06	16	0351	134	435	3.08	100.0	42	67
70.0	60.0	35	53.0	122	22.5	JD	66	06	16	0056	136	409	3.34	100.0	61	220
70.0	65.0	35	43.0	122	45.0	JD	66	06	15	2206	137	430	3.18	100.0	41	104
70.0	70.0	35	33.0	123	06.0	JD	66	06	15	1926	141	438	3.21	100.0	52	414
70.0	80.0	35	13.5	123	47.5	JD	66	06	15	1526	142	428	3.32	100.0	16	66
70.0	90.0	34	53.0	124	30.0	JD	66	06	15	1136	137	452	3.03	100.0	37	115
73.0	50.0	35	37.2	121	17.2	JD	66	06	16	0933	65	239	2.71	100.0	22	3
73.0	53.0	35	31.5	121	28.5	JD	66	06	16	1046	140	421	3.33	100.0	44	23
73.0	60.0	35	17.5	121	58.0	JD	66	06	16	1341	137	433	3.17	100.0	42	52
73.0	65.0	35	08.0	122	19.0	JD	66	06	16	1601	145	445	3.26	100.0	16	147
73.0	70.0	34	58.0	122	40.0	JD	66	06	16	1821	140	438	3.19	100.0	113	191
73.0	80.0	34	38.0	123	22.0	JD	66	06	16	2216	139	442	3.14	100.0	27	8
73.0	90.0	34	18.5	124	04.0	JD	66	06	17	0226	142	427	3.31	100.0	73	78
77.0	48.0	35	08.3	120	43.7	JD	66	06	18	1229	25	102	2.50	100.0	54	208
77.0	51.0	35	02.0	120	57.5	JD	66	06	18	0036	137	405	3.38	100.0	41	42
77.0	55.0	34	54.5	121	13.0	JD	66	06	17	2241	141	401	3.50	100.0	121	65
77.0	60.0	34	44.0	121	34.0	JD	66	06	17	1951	142	438	3.23	100.0	19	207
77.0	65.0	34	34.0	121	55.0	JD	66	06	17	1736	139	457	3.04	100.0	90	229
77.0	70.0	34	24.2	122	16.0	JD	66	06	17	1506	137	449	3.04	100.0	27	100
77.0	80.0	34	04.5	122	56.5	JD	66	06	17	1031	137	410	3.35	100.0	49	546

TABLE 1. (cont.)

CalCOFI Cruise 6606

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	90.0	33	43.0	123	39.0	JD	66	06	17	0641	140	448	3.14	100.0	13	76
80.0	51.0	34	26.0	120	32.5	JD	66	06	18	1408	82	254	3.23	100.0	394	89
80.0	52.0	34	24.3	120	36.5	JD	66	06	18	1501	136	442	3.08	100.0	103	114
80.0	55.0	34	19.0	120	48.0	JD	66	06	18	1726	140	481	2.92	100.0	46	136
80.0	60.0	34	09.0	121	09.0	JD	66	06	18	1936	140	491	2.84	100.0	112	43
80.0	65.0	33	59.0	121	30.0	JD	66	06	18	2141	138	458	3.02	100.0	17	228
80.0	70.0	33	48.5	121	51.0	JD	66	06	19	0001	140	484	2.89	100.0	542	2398
80.0	80.0	33	28.7	122	32.0	JD	66	06	19	0411	132	478	2.77	100.0	23	78
80.0	90.0	33	09.0	123	13.0	JD	66	06	19	0811	138	457	3.02	100.0	10	80
82.0	47.0	34	15.0	119	59.0	JD	66	06	20	1101	139	489	2.85	100.0	956	508
83.0	40.0	34	14.0	119	22.0	JD	66	06	20	1504	20	146	1.35	100.0	963	1264
83.0	43.0	34	08.0	119	34.0	JD	66	06	20	1321	135	502	2.68	100.0	527	785
83.0	51.0	33	52.0	120	07.6	JD	66	06	20	0751	136	499	2.73	100.0	1110	6
83.0	55.0	33	44.0	120	24.5	JD	66	06	20	0531	139	458	3.02	100.0	180	32
83.0	60.0	33	34.0	120	45.0	JD	66	06	20	0241	135	488	2.76	100.0	658	170
83.0	65.0	33	24.0	121	06.0	JD	66	06	20	0016	132	443	3.06	100.0	308	162
83.0	70.0	33	14.2	121	26.2	JD	66	06	19	2141	139	490	2.83	100.0	277	735
83.0	80.0	32	54.0	122	08.0	JD	66	06	19	1721	140	475	2.96	100.0	29	113
83.0	90.0	32	45.5	122	50.0	JD	66	06	19	1301	138	506	2.73	100.0	19	122
87.0	33.0	33	54.2	118	29.4	JD	66	06	20	1944	34	210	1.63	100.0	954	166
87.0	35.0	33	50.0	118	37.5	JD	66	06	20	2041	139	516	2.69	100.0	2104	289
87.0	40.0	33	40.0	118	58.0	JD	66	06	20	2256	141	493	2.86	100.0	807	815
87.0	45.0	33	30.0	119	19.0	JD	66	06	21	0116	140	468	2.98	100.0	974	354
87.0	50.0	33	20.0	119	39.5	JD	66	06	21	0348	68	241	2.81	100.0	890	163
87.0	55.0	33	10.0	120	00.0	JD	66	06	21	0626	132	496	2.66	100.0	595	75
87.0	60.0	33	00.0	120	21.5	JD	66	06	21	0916	138	474	2.90	100.0	603	311
87.0	65.0	32	49.5	120	41.5	JD	66	06	21	1141	141	491	2.87	100.0	64	46
87.0	70.0	32	39.5	121	02.0	JD	66	06	21	1421	142	470	3.02	100.0	23	75
87.0	80.0	32	19.5	121	43.0	JD	66	06	21	1900	133	535	2.49	100.0	42	98
87.0	90.0	31	59.0	122	24.0	JD	66	06	21	2311	133	513	2.59	100.0	46	70
90.0	28.0	33	28.5	117	46.7	JD	66	06	23	1116	141	509	2.76	100.0	156	110
90.0	32.0	33	21.2	118	01.6	JD	66	06	23	0916	134	402	3.34	100.0	13	6
90.0	37.0	33	11.0	118	22.5	JD	66	06	23	0556	131	497	2.64	100.0	53	250
90.0	45.0	32	54.5	118	55.5	JD	66	06	23	0156	132	469	2.80	100.0	1971	209
90.0	53.0	32	39.0	119	28.5	JD	66	06	22	2141	135	466	2.89	100.0	388	92
90.0	60.0	32	25.0	119	57.5	JD	66	06	22	1826	139	486	2.86	100.0	62	120
90.0	65.0	32	14.5	120	18.0	JD	66	06	22	1541	131	490	2.67	100.0	35	111
90.0	70.0	32	05.0	120	05.0	JD	66	06	22	1251	145	444	3.27	100.0	76	85
90.0	80.0	31	45.0	121	19.5	JD	66	06	22	0806	139	494	2.81	100.0	45	171
90.0	90.0	31	24.0	122	01.0	JD	66	06	22	0336	141	486	2.89	100.0	26	523
93.0	27.0	32	56.0	117	19.0	JD	66	06	25	1906	137	503	2.73	100.0	187	205
93.0	28.0	32	54.7	117	21.8	JD	66	06	25	2021	479	140	2.92	100.0	206	192
93.0	30.0	32	50.3	117	30.8	JD	66	06	25	2136	139	478	2.91	100.0	363	51
93.0	35.0	32	40.5	117	51.5	JD	66	06	25	2341	136	478	2.84	100.0	97	7
93.0	40.0	32	30.0	118	11.5	JD	66	06	26	0216	138	476	2.90	100.0	143	21

TABLE 1. (cont.)

CalCOFI Cruise 6606

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	45.0	32	20.0	118	32.0	JD	66	06	26	0421	139	470	2.95	100.0	141	10
93.0	50.0	32	10.0	118	53.0	JD	66	06	26	0631	144	464	3.10	100.0	1029	186
93.0	55.0	32	03.3	119	12.0	JD	66	06	26	0836	142	455	3.12	100.0	753	433
93.0	60.0	31	55.5	119	31.0	JD	66	06	26	2046	141	462	3.05	100.0	35	95
93.0	65.0	31	40.0	119	53.5	JD	66	06	26	1346	132	491	2.69	100.0	8	4
93.0	70.0	31	30.0	120	14.0	JD	66	06	26	1626	137	486	2.81	100.0	26	188
93.0	80.0	31	10.5	120	54.0	JD	66	06	26	2156	142	461	3.08	100.0	29	126
93.0	90.0	30	50.0	121	34.5	JD	66	06	27	0221	129	470	2.75	100.0	105	365
97.0	29.0	32	17.5	117	04.7	JD	66	06	28	1254	40	147	2.76	100.0	95	147
97.0	30.0	32	16.0	117	07.0	JD	66	06	28	1214	49	159	3.07	100.0	98	461
97.0	32.0	32	12.0	117	15.2	JD	66	06	28	1056	140	420	3.33	100.0	8	1
97.0	40.0	31	56.0	117	48.0	JD	66	06	28	0706	137	464	2.96	100.0	47	38
97.0	45.0	31	46.0	118	08.5	JD	66	06	28	0451	141	436	3.24	100.0	43	11
97.0	50.0	31	36.0	118	30.5	JD	66	06	28	0220	137	467	2.92	100.0	529	932
97.0	55.0	31	25.5	118	49.5	JD	66	06	27	2331	140	426	3.29	100.0	40	257
97.0	60.0	31	15.5	119	10.0	JD	66	06	27	2111	139	372	3.73	100.0	15	24
97.0	65.0	31	05.0	119	30.5	JD	66	06	27	1901	137	457	3.01	100.0	48	112
97.0	70.0	30	55.0	119	50.5	JD	66	06	27	1601	140	465	3.00	100.0	10	186
97.0	80.0	30	35.0	120	31.0	JD	66	06	27	1136	141	488	2.89	100.0	120	150
97.0	90.0	30	15.5	121	10.5	JD	66	06	27	0626	140	462	3.04	100.0	39	179
100.0	29.0	31	42.0	116	44.0	JD	66	06	28	1646	135	464	2.90	100.0	30	29
100.0	30.0	31	40.5	116	46.5	JD	66	06	28	1741	139	420	3.32	100.0	58	70
100.0	35.0	31	30.5	117	07.0	JD	66	06	28	1951	132	427	3.09	100.0	26	1
100.0	40.0	31	21.0	117	27.0	JD	66	06	28	2201	140	417	3.35	100.0	17	45
100.0	45.0	31	10.5	117	46.5	JD	66	06	29	0011	135	442	3.07	100.0	19	162
100.0	50.0	31	00.5	118	08.0	JD	66	06	29	0221	136	419	3.25	100.0	34	229
100.0	55.0	30	50.5	118	27.5	JD	66	06	29	0446	139	418	3.33	100.0	21	183
100.0	60.0	30	40.5	118	47.5	JD	66	06	29	0726	139	420	3.32	100.0	8	70
100.0	65.0	30	30.0	119	08.0	JD	66	06	29	1011	140	426	3.29	100.0	27	164
100.0	70.0	30	20.5	119	28.0	JD	66	06	29	1306	140	436	3.22	100.0	63	157
100.0	80.0	30	00.0	120	07.0	JD	66	06	29	1801	137	425	3.23	100.0	76	135
100.0	90.0	29	40.5	120	47.0	JD	66	06	29	2231	141	417	3.39	100.0	94	181
103.0	29.0	31	07.0	116	21.0	JD	66	07	01	0824	14	176	0.80	100.0	85	947
103.0	30.0	31	06.0	116	24.5	JD	66	07	01	0739	49	179	2.74	100.0	137	434
103.0	35.0	30	56.0	116	45.0	JD	66	07	01	0516	139	418	3.32	100.0	53	35
103.0	40.0	30	42.0	117	02.5	JD	66	07	01	0246	140	419	3.34	100.0	65	116
103.0	45.0	30	33.5	117	24.0	JD	66	07	01	0031	140	421	3.33	100.0	67	115
103.0	50.0	30	24.0	117	45.0	JD	66	06	30	2216	141	419	3.37	100.0	97	190
103.0	55.0	30	14.8	118	04.8	JD	66	06	30	1956	140	405	3.46	100.0	173	271
103.0	60.0	30	06.0	118	25.0	JD	66	06	30	1706	140	428	3.26	100.0	168	252
103.0	65.0	29	56.5	118	44.0	JD	66	06	30	1431	140	435	3.21	100.0	89	275
103.0	70.0	29	44.3	119	06.3	JD	66	06	30	1141	140	432	3.24	100.0	74	168
103.0	80.0	29	26.5	119	43.0	JD	66	06	30	0706	140	434	3.22	100.0	367	259
103.0	90.0	29	06.0	120	23.5	JD	66	06	30	0236	139	434	3.21	100.0	332	233

TABLE 1. (cont.)

CalCOFI Cruise 6607

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.5	JD	66	07	09	1404	34	115	2.97	100.0	1	7
60.0	52.0	37	54.0	123	01.1	JD	66	07	09	1458	69	227	3.04	100.0	7	88
60.0	55.0	37	47.0	123	15.0	JD	66	07	09	1647	109	348	3.14	100.0	30	3
60.0	60.0	37	37.0	123	37.0	JD	66	07	09	1916	140	438	3.19	100.0	80	279
60.0	70.0	37	17.0	124	21.0	JD	66	07	10	0001	134	420	3.20	100.0	265	665
60.0	80.0	36	56.5	125	04.0	JD	66	07	10	0456	133	412	3.23	100.0	237	308
60.0	90.0	36	37.0	125	47.0	JD	66	07	10	1016	140	387	3.60	100.0	49	259
63.0	50.0	37	23.3	122	27.8	JD	66	07	11	1529	26	83	3.08	100.0	0	98
63.0	52.0	37	19.0	122	36.0	JD	66	07	11	1403	70	224	3.14	100.0	15	2136
63.0	55.0	37	13.0	122	50.0	JD	66	07	11	1126	142	377	3.76	100.0	340	17
63.0	60.0	37	03.0	123	12.0	JD	66	07	11	0816	138	418	3.29	100.0	410	731
63.0	70.0	36	42.0	123	55.0	JD	66	07	11	0231	135	424	3.19	100.0	232	12
63.0	80.0	36	23.0	124	38.5	JD	66	07	10	2131	139	405	3.43	100.0	273	16
63.0	90.0	36	03.0	125	20.0	JD	66	07	10	1601	138	429	3.22	100.0	25	13
67.0	50.0	36	48.0	122	05.0	JD	66	07	13	0702	95	306	3.11	100.0	2	43
67.0	55.0	36	39.0	122	26.0	JD	66	07	13	1211	138	395	3.50	100.0	44	36
67.0	60.0	36	27.5	122	50.0	JD	66	07	13	1501	138	384	3.60	100.0	69	12
67.0	70.0	36	08.0	123	29.5	JD	66	07	13	1936	137	451	3.04	100.0	289	29
67.0	80.0	35	48.0	124	12.0	JD	66	07	13	2356	137	410	3.34	100.0	45	22
67.0	90.0	35	29.0	124	55.0	JD	66	07	14	0456	140	402	3.47	100.0	35	31
70.0	51.0	36	11.3	121	43.9	JD	66	07	15	1051	129	446	2.90	100.0	1	3
70.0	53.0	36	06.5	121	54.0	JD	66	07	15	0901	146	389	3.76	100.0	33	40
70.0	60.0	35	53.0	122	22.5	JD	66	07	15	0501	142	400	3.55	100.0	102	20
70.0	70.0	35	31.0	123	10.0	JD	66	07	14	2216	136	435	3.12	100.0	617	55
70.0	80.0	35	14.0	123	49.0	JD	66	07	14	1701	141	426	3.31	100.0	20	28
70.0	90.0	34	53.0	124	30.0	JD	66	07	14	1146	143	422	3.38	100.0	13	15
73.0	50.0	35	37.0	121	17.0	JD	66	07	15	1447	83	284	2.93	100.0	30	28
73.0	53.0	35	31.5	121	28.5	JD	66	07	15	1611	140	420	3.33	100.0	20	8
73.0	60.0	35	17.5	121	58.0	JD	66	07	15	1951	141	419	3.36	100.0	90	73
73.0	70.0	34	58.0	122	40.0	JD	66	07	16	0051	139	382	3.63	100.0	75	33
73.0	80.0	34	38.0	123	22.0	JD	66	07	16	0531	139	419	3.30	100.0	69	19
73.0	90.0	34	18.5	124	04.0	JD	66	07	16	1145	140	455	3.07	100.0	9	91
77.0	48.0	35	08.3	120	43.7	JD	66	07	17	1844	21	97	2.21	100.0	22	250
77.0	51.0	35	02.0	120	56.0	JD	66	07	17	1600	142	417	3.41	100.0	2	1
77.0	55.0	34	55.0	121	13.0	JD	66	07	17	1306	137	416	3.29	100.0	48	87
77.0	60.0	34	44.0	121	34.0	JD	66	07	17	1036	143	383	3.74	100.0	7	7
77.0	70.0	34	24.0	122	16.0	JD	66	07	17	0341	141	416	3.38	100.0	30	44
77.0	80.0	34	04.0	122	57.0	JD	66	07	16	2306	139	409	3.39	100.0	121	25
77.0	90.0	33	44.0	123	40.0	JD	66	07	16	1754	144	432	3.34	100.0	7	50
80.0	51.0	34	26.0	120	32.5	JD	66	07	18	0307	86	284	3.04	100.0	4	50
80.0	52.0	34	24.3	120	36.5	JD	66	07	18	0356	142	390	3.64	100.0	7	54
80.0	55.0	34	19.0	120	48.0	JD	66	07	18	0556	125	463	2.71	100.0	10	9
80.0	60.0	34	09.0	121	09.0	JD	66	07	18	1051	139	418	3.31	100.0	7	16
80.0	65.0	33	59.0	121	30.0	JD	66	07	18	1405	140	447	3.13	100.0	653	38
80.0	70.0	33	48.5	121	51.0	JD	66	07	18	1731	148	411	3.59	100.0	12	26

TABLE 1. (cont.)

CalCOFI Cruise 6607

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	80.0	33	28.7	122	32.0	JD	66	07	18	2256	142	428	3.33	100.0	9	30
80.0	90.0	33	09.0	123	13.0	JD	66	07	19	0421	139	436	3.19	100.0	40	19
82.0	47.0	34	15.0	119	59.0	JD	66	07	20	1606	139	452	3.07	100.0	7	1
83.0	43.0	34	08.0	119	34.0	JD	66	07	20	1911	144	424	3.41	100.0	40	73
83.0	51.0	33	52.0	120	08.5	JD	66	07	20	1217	105	360	2.90	100.0	7	976
83.0	55.0	33	44.5	120	23.0	JD	66	07	20	0931	140	410	3.41	100.0	25	115
83.0	60.0	33	34.0	120	45.0	JD	66	07	20	0541	141	420	3.35	100.0	72	51
83.0	65.0	33	24.0	121	06.0	JD	66	07	20	0316	142	426	3.35	100.0	346	15
83.0	70.0	33	12.0	121	29.0	JD	66	07	19	2251	144	430	3.35	100.0	36	19
83.0	80.0	32	54.0	122	08.0	JD	66	07	19	1756	136	454	3.00	100.0	14	12
83.0	90.0	32	34.5	122	50.0	JD	66	07	18	1016	141	435	3.23	100.0	37	61
87.0	33.0	33	54.2	118	29.4	JD	66	07	21	0144	39	157	2.47	100.0	48	619
87.0	35.0	33	50.0	118	37.5	JD	66	07	21	0256	136	435	3.12	100.0	258	404
87.0	40.0	33	40.0	118	58.0	JD	66	07	21	0601	137	414	3.31	100.0	22	1
87.0	45.0	33	30.0	119	19.0	JD	66	07	21	0926	145	432	3.36	100.0	94	4
87.0	50.0	33	20.0	119	39.5	JD	66	07	21	1308	66	246	2.69	100.0	227	96
87.0	55.0	33	10.0	120	00.0	JD	66	07	21	1556	139	393	3.53	100.0	165	2
87.0	60.0	33	00.0	120	21.5	JD	66	07	21	1926	142	442	3.21	100.0	92	48
87.0	65.0	32	49.5	120	41.5	JD	66	07	21	2231	140	439	3.18	100.0	221	46
87.0	70.0	32	39.5	121	02.0	JD	66	07	22	0041	135	444	3.03	100.0	267	208
87.0	80.0	32	19.5	121	43.0	JD	66	07	22	0536	137	466	2.94	100.0	52	78
87.0	90.0	31	59.0	122	24.0	JD	66	07	22	1106	138	479	2.89	100.0	5	15
90.0	28.0	33	28.5	117	46.7	JD	66	07	24	0941	143	426	3.36	100.0	76	44
90.0	32.0	33	20.5	118	03.0	JD	66	07	24	0701	138	424	3.25	100.0	231	469
90.0	37.0	33	11.0	118	22.5	JD	66	07	24	0346	138	420	3.28	100.0	186	227
90.0	45.0	32	54.5	118	55.5	JD	66	07	23	2346	138	412	3.34	100.0	39	2
90.0	53.0	32	39.0	119	28.5	JD	66	07	23	1951	134	369	3.63	100.0	55	12
90.0	60.0	32	24.0	119	56.0	JD	66	07	23	1541	138	445	3.10	100.0	99	47
90.0	65.0	32	14.5	120	18.0	JD	66	07	23	1226	141	452	3.12	100.0	2	12
90.0	70.0	32	04.5	120	38.5	JD	66	07	23	0931	138	443	3.12	100.0	27	35
90.0	80.0	31	46.0	121	22.0	JD	66	07	23	0326	133	474	2.80	100.0	27	14
90.0	90.0	31	24.0	122	01.0	JD	66	07	22	2246	136	457	2.98	100.0	47	76
90.0	100.0	31	05.0	122	39.0	JD	66	07	22	1826	138	472	2.91	100.0	13	21
93.0	27.0	32	56.0	117	19.0	JD	66	07	24	1412	96	315	3.05	100.0	638	62
93.0	28.0	32	54.7	117	21.8	JD	66	07	24	1456	133	430	3.10	100.0	275	215
93.0	30.0	32	50.5	117	31.0	JD	66	07	25	1201	134	428	3.13	100.0	47	10
93.0	35.0	32	40.5	117	51.5	JD	66	07	25	1516	140	431	3.26	100.0	6	0
93.0	45.0	32	20.0	118	32.0	JD	66	07	25	2046	138	434	3.17	100.0	37	5
93.0	50.0	32	10.0	118	52.5	JD	66	07	25	2256	139	440	3.17	100.0	38	11
93.0	55.0	32	00.0	119	13.5	JD	66	07	26	0201	142	449	3.16	100.0	16	4
93.0	60.0	31	50.0	119	34.0	JD	66	07	26	0411	140	438	3.19	100.0	426	11
93.0	65.0	31	40.0	119	53.5	JD	66	07	26	0741	141	454	3.10	100.0	71	4
93.0	80.0	31	10.0	120	54.5	JD	66	07	26	1621	139	441	3.15	100.0	74	81
93.0	90.0	30	50.0	121	34.5	JD	66	07	26	2126	141	462	3.05	100.0	34	380
97.0	29.0	32	17.5	117	04.7	JD	66	07	28	1444	42	136	3.08	100.0	44	639

TABLE 1. (cont.)

CalCOFI Cruise 6607

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	30.0	32 16.0	117 07.0	JD	66 07 28	1414	49	158	3.13	100.0	36	934
97.0	32.0	32 12.0	117 15.2	JD	66 07 28	1301	132	391	3.38	100.0	75	13
97.0	35.0	32 09.0	117 29.5	JD	66 07 28	1046	136	503	2.70	100.0	40	25
97.0	40.0	31 56.0	117 48.0	JD	66 07 28	0651	143	399	3.59	100.0	40	157
97.0	45.0	31 46.0	118 10.0	JD	66 07 28	0351	137	437	3.14	100.0	15	39
97.0	50.0	31 36.0	118 30.5	JD	66 07 28	0021	139	415	3.35	100.0	62	106
97.0	55.0	31 25.5	118 49.5	JD	66 07 27	2201	141	408	3.46	100.0	18	107
97.0	60.0	31 15.0	119 12.5	JD	66 07 27	1841	140	423	3.32	100.0	34	83
97.0	65.0	31 05.0	119 30.0	JD	66 07 27	1611	135	432	3.14	100.0	12	786
97.0	70.0	30 53.0	119 51.0	JD	66 07 27	1216	138	440	3.13	100.0	21	192
97.0	80.0	30 35.0	120 31.0	JD	66 07 27	0631	131	461	2.85	100.0	67	245
97.0	90.0	30 15.0	121 10.0	JD	66 07 27	0206	132	429	3.08	100.0	465	118
100.0	29.0	31 42.0	116 44.0	AX	66 07 10	1018	66	324	2.04	100.0	19	62
100.0	30.0	31 40.5	116 46.5	AX	66 07 10	1156	124	525	2.37	100.0	7	73
100.0	35.0	31 30.6	117 06.0	AX	66 07 10	1416	144	476	3.02	100.0	19	15
100.0	40.0	31 18.0	117 25.0	AX	66 07 10	1746	148	434	3.42	100.0	10	153
100.0	45.0	31 10.5	117 46.5	AX	66 07 10	2011	134	452	2.97	100.0	33	393
100.0	50.0	31 00.0	118 06.8	AX	66 07 10	2351	144	421	3.41	100.0	50	100
100.0	55.0	30 50.0	118 27.0	AX	66 07 11	0216	146	426	3.44	100.0	15	42
100.0	60.0	30 40.5	118 47.5	AX	66 07 11	0536	119	578	2.06	100.0	8	145
100.0	65.0	30 30.0	119 07.0	AX	66 07 11	0816	147	423	3.48	100.0	7	50
100.0	70.0	30 14.3	119 27.0	AX	66 07 11	1241	150	421	3.56	100.0	59	170
100.0	80.0	30 00.0	120 06.5	AX	66 07 11	1736	149	520	2.88	100.0	107	229
100.0	90.0	29 40.0	120 45.0	AX	66 07 11	2251	150	429	3.48	100.0	145	657
100.0	100.0	29 20.0	121 26.0	AX	66 07 12	0401	148	480	3.08	100.0	38	980
103.0	30.0	31 05.5	116 25.5	AX	66 07 13	2348	63	228	2.75	100.0	27	378
103.0	35.0	30 55.8	116 44.8	AX	66 07 13	2041	92	612	1.50	100.0	62	152
103.0	40.0	30 43.6	117 03.0	AX	66 07 13	1636	136	431	3.15	100.0	25	75
103.0	45.0	30 36.8	117 22.2	AX	66 07 13	1316	143	464	3.07	100.0	14	548
103.0	50.0	30 21.0	117 42.0	AX	66 07 13	0951	142	444	3.20	100.0	39	436
103.0	55.0	30 12.1	118 04.6	AX	66 07 13	0606	140	472	2.97	100.0	82	288
103.0	60.0	30 04.6	118 23.9	AX	66 07 13	0306	147	449	3.27	100.0	136	126
103.0	65.0	29 56.0	118 44.0	AX	66 07 12	2321	132	522	2.53	100.0	167	163
103.0	70.0	29 40.5	119 06.5	AX	66 07 12	2011	141	476	2.95	100.0	194	344
103.0	80.0	29 26.5	119 40.9	AX	66 07 12	1446	135	490	2.76	100.0	42	437
107.0	31.0	30 27.7	116 07.0	AX	66 07 14	1804	35	237	1.46	100.0	42	946
107.0	32.0	30 25.4	116 10.8	AX	66 07 14	1936	138	465	2.98	100.0	28	83
107.0	35.0	30 20.4	116 21.5	AX	66 07 14	2151	143	445	3.20	100.0	48	178
107.0	40.0	30 11.0	116 40.5	AX	66 07 15	0111	145	419	3.46	100.0	40	188
107.0	45.0	30 01.0	117 01.5	AX	66 07 15	0341	128	466	2.75	100.0	93	393
107.0	50.0	29 50.1	117 19.8	AX	66 07 15	0701	140	469	2.99	100.0	241	148
107.0	55.0	29 38.0	117 42.0	AX	66 07 15	0936	143	444	3.22	100.0	335	343
107.0	60.0	29 30.6	118 01.8	AX	66 07 15	1221	141	468	3.01	100.0	49	824
107.0	65.0	29 21.0	118 21.0	AX	66 07 15	1431	142	454	3.12	100.0	152	449
107.0	70.0	29 11.3	118 41.1	AX	66 07 15	1746	134	482	2.78	100.0	43	254

TABLE 1. (cont.)

CalCOFI Cruise 6607

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	80.0	28 51.5	119 20.0	AX	66 07 15	2311	141	446	3.17	100.0	251	909
110.0	32.0	29 52.0	115 48.0	AX	66 07 17	1609	21	178	1.20	100.0	6	326
110.0	35.0	29 45.6	116 00.0	AX	66 07 17	1421	121	460	2.64	100.0	3	124
110.0	41.0	29 28.3	116 22.2	AX	66 07 17	1016	124	475	2.62	100.0	55	393
110.0	45.0	29 20.5	116 39.5	AX	66 07 17	0721	146	462	3.15	100.0	165	115
110.0	50.0	29 12.5	116 58.0	AX	66 07 17	0456	133	511	2.61	100.0	112	101
110.0	55.0	29 03.7	117 19.0	AX	66 07 17	0126	140	441	3.18	100.0	303	289
110.0	60.0	28 55.5	117 39.0	AX	66 07 16	2301	138	461	2.99	100.0	464	225
110.0	65.0	28 47.0	117 58.5	AX	66 07 16	1941	140	474	2.94	100.0	150	543
110.0	70.0	28 36.4	118 19.5	AX	66 07 16	1641	139	484	2.88	100.0	23	551
110.0	80.0	28 16.0	118 57.0	AX	66 07 16	1101	144	451	3.19	100.0	38	715
113.0	29.0	29 24.3	115 13.0	AX	66 07 17	2034	19	145	1.28	100.0	50	313
113.0	30.0	29 22.0	115 18.0	AX	66 07 17	2138	52	233	2.24	100.0	256	427
113.0	35.0	29 12.0	115 38.8	AX	66 07 17	0041	140	430	3.25	100.0	56	36
113.0	40.0	29 02.0	115 57.0	AX	66 07 18	0351	139	460	3.02	100.0	85	86
113.0	45.0	28 51.5	116 18.7	AX	66 07 18	0606	143	505	2.83	100.0	19	16
113.0	50.0	28 41.5	116 37.0	AX	66 07 18	0856	140	437	3.22	100.0	76	149
113.0	55.0	28 31.3	116 57.0	AX	66 07 18	1111	138	438	3.14	100.0	60	214
113.0	60.0	28 21.3	117 16.0	AX	66 07 18	1401	139	424	3.27	100.0	186	351
113.0	65.0	28 12.0	117 35.5	AX	66 07 18	1616	140	431	3.25	100.0	370	275
113.0	70.0	28 01.0	117 56.2	AX	66 07 18	1936	139	442	3.15	100.0	120	854
113.0	80.0	27 42.5	118 32.5	AX	66 07 18	2356	143	427	3.34	100.0	23	194
117.0	25.0	28 58.0	114 36.7	AX	66 07 21	0919	25	117	1.41	100.0	115	290
117.0	26.0	28 55.7	114 41.4	AX	66 07 21	0833	69	223	2.96	100.0	499	601
117.0	30.0	28 47.2	114 54.5	AX	66 07 21	0632	88	335	2.61	100.0	617	436
117.0	35.0	28 38.2	115 16.0	AX	66 07 20	0611	126	491	2.57	100.0	153	89
117.0	40.0	28 27.8	115 35.6	AX	66 07 20	0256	139	421	3.30	100.0	191	145
117.0	45.0	28 18.8	115 55.5	AX	66 07 19	2331	137	440	3.12	100.0	222	151
117.0	50.0	28 08.0	116 15.0	AX	66 07 19	2041	148	448	3.12	100.0	109	37
117.0	55.0	27 57.3	116 34.4	AX	66 07 19	1740	148	457	3.24	100.0	124	26
117.0	60.0	27 48.0	116 53.6	AX	66 07 19	1511	137	444	3.09	100.0	225	90
117.0	65.0	27 42.0	117 12.6	AX	66 07 19	1216	142	431	3.28	100.0	241	884
117.0	70.0	27 27.5	117 32.0	AX	66 07 19	0946	143	432	3.31	100.0	53	235
117.0	80.0	27 08.0	118 10.0	AX	66 07 19	0446	144	434	3.31	100.0	18	1708
118.0	39.0	28 18.4	115 23.8	AX	66 07 20	0851	135	436	3.09	100.0	293	321
119.0	33.0	28 17.3	114 52.2	AX	66 07 21	0252	82	263	3.10	100.0	656	463
120.0	24.0	28 24.0	114 10.7	AX	66 07 21	1319	29	224	1.28	100.0	12	446
120.0	25.0	28 22.5	114 14.3	AX	66 07 21	1359	49	257	1.92	100.0	68	616
120.0	30.0	28 11.4	114 33.0	AX	66 07 21	1618	72	343	2.08	100.0	412	638
120.0	35.0	28 02.5	114 54.6	AX	66 07 21	1844	69	250	2.77	100.0	627	163
120.0	40.0	27 56.8	115 13.8	AX	66 07 21	2039	23	147	1.59	100.0	553	863
120.0	45.0	27 43.4	115 34.2	AX	66 07 21	2331	138	420	3.30	100.0	79	75
120.0	50.0	27 32.3	115 52.5	AX	66 07 22	0241	137	435	3.16	100.0	200	68
120.0	55.0	27 21.0	116 15.5	AX	66 07 22	0501	127	489	2.60	100.0	89	111
120.0	60.0	27 13.2	116 30.1	AX	66 07 22	0746	138	446	3.10	100.0	95	1349

TABLE 1. (cont.)

CalCOFI Cruise 6607

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	65.0	27	02.5	116	51.0	AX	66	07	22	1016	140	436	3.22	100.0	84	216
120.0	70.0	26	54.0	117	10.2	AX	66	07	22	1331	139	464	3.00	100.0	20	398
120.0	80.0	26	32.5	117	49.0	AX	66	07	22	1816	135	472	2.86	100.0	46	387
123.0	36.0	27	26.5	114	35.7	AX	66	07	24	0549	26	184	1.40	100.0	48	767
123.0	37.0	27	23.8	114	39.8	AX	66	07	24	0448	50	284	1.76	100.0	35	152
123.0	42.0	27	14.2	114	59.0	AX	66	07	24	0221	128	486	2.64	100.0	382	208
123.0	45.0	27	07.5	115	10.3	AX	66	07	23	2341	137	458	2.99	100.0	92	290
123.0	50.0	26	57.5	115	30.0	AX	66	07	23	2111	141	454	3.10	100.0	200	100
123.0	55.0	26	48.4	115	50.0	AX	66	07	23	1756	141	479	2.94	100.0	81	76
123.0	60.0	26	36.0	116	06.0	AX	66	07	23	1541	134	479	2.80	100.0	98	98
123.0	65.0	26	26.9	116	26.0	AX	66	07	23	1236	138	500	2.76	100.0	48	18
123.0	70.0	26	17.5	116	46.0	AX	66	07	23	0946	137	474	2.89	100.0	26	381
123.0	80.0	25	59.3	117	24.0	AX	66	07	23	0501	123	502	2.45	100.0	325	258
127.0	33.0	26	57.3	114	02.3	AX	66	07	24	1033	58	242	2.39	100.0	4	173
127.0	34.0	26	55.5	114	06.2	AX	66	07	24	1138	84	252	3.33	100.0	6	65
127.0	40.0	26	44.0	114	29.0	AX	66	07	24	1446	130	437	2.98	100.0	94	60
127.0	45.0	26	33.5	114	48.5	AX	66	07	24	1706	139	443	3.13	100.0	55	29
127.0	50.0	26	23.6	115	08.0	AX	66	07	24	2001	138	429	3.22	100.0	82	233
127.0	55.0	26	13.7	115	27.0	AX	66	07	24	2221	128	471	2.72	100.0	132	79
127.0	60.0	26	03.5	115	46.8	AX	66	07	25	0106	127	476	2.68	100.0	96	50
127.0	65.0	25	54.0	116	05.4	AX	66	07	25	0326	132	462	2.85	100.0	244	157
127.0	70.0	25	44.0	116	25.3	AX	66	07	25	0636	139	459	3.02	100.0	76	84
127.0	80.0	25	24.0	117	02.5	AX	66	07	25	1111	131	487	2.69	100.0	362	45
130.0	28.0	26	31.8	113	19.0	AX	66	07	27	0049	37	268	1.37	100.0	0	2
130.0	30.0	26	28.8	113	27.8	AX	66	07	26	2353	72	300	2.40	100.0	0	1
130.0	35.0	26	19.5	113	46.5	AX	66	07	26	2126	134	433	3.11	100.0	6	20
130.0	40.0	26	09.4	114	07.6	AX	66	07	26	1856	121	526	2.30	100.0	14	97
130.0	45.0	25	59.0	114	26.5	AX	66	07	26	1541	131	505	2.60	100.0	134	331
130.0	50.0	25	49.0	114	45.5	AX	66	07	26	1326	140	507	2.80	100.0	156	23
130.0	55.0	25	39.2	115	04.5	AX	66	07	26	1021	146	495	2.94	100.0	125	53
130.0	60.0	25	29.0	115	24.0	AX	66	07	26	0751	141	500	2.81	100.0	150	676
130.0	65.0	25	18.2	115	41.9	AX	66	07	26	0446	133	459	2.90	100.0	142	3481
130.0	70.0	25	08.8	116	01.7	AX	66	07	26	0221	130	490	2.65	100.0	252	187
130.0	80.0	24	50.0	116	39.5	AX	66	07	25	2151	132	487	2.71	100.0	319	110
130.0	90.0	24	28.0	117	16.0	AX	66	07	25	1706	130	500	2.60	100.0	70	17
133.0	23.0	26	08.5	112	40.2	AX	66	07	27	0443	66	243	2.71	100.0	196	1236
133.0	25.0	26	04.6	112	47.8	AX	66	07	27	0603	70	256	2.75	100.0	211	263
133.0	30.0	25	54.5	113	07.3	AX	66	07	27	0846	144	539	2.67	100.0	22	3
133.0	35.0	25	44.0	113	27.6	AX	66	07	27	1106	147	498	2.95	100.0	15	207
133.0	40.0	25	34.0	113	49.8	AX	66	07	27	1356	144	504	2.86	100.0	33	40
133.0	45.0	25	24.0	114	11.0	AX	66	07	27	1616	150	515	2.91	100.0	6	46
133.0	50.0	25	15.0	114	29.0	AX	66	07	27	1836	150	523	2.87	100.0	25	113
133.0	55.0	25	05.0	114	42.8	AX	66	07	27	2026	143	506	2.82	100.0	238	188
133.0	60.0	24	54.5	115	02.3	AX	66	07	27	2316	145	496	2.92	100.0	211	163
137.0	22.0	25	36.0	112	15.0	AX	66	07	28	2344	42	198	2.11	100.0	886	5551

TABLE 1. (cont.)

CalCOFI Cruise 6607

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
137.0	23.0	25	34.2	112	18.8	AX	66	07	28	2258	70	258	2.72	100.0	327	56
137.0	30.0	25	20.7	112	47.0	AX	66	07	28	1951	135	472	2.86	100.0	77	29
137.0	35.0	25	07.0	113	04.9	AX	66	07	28	1626	136	493	2.76	100.0	12	310
137.0	40.0	24	56.0	113	23.0	AX	66	07	28	1406	125	508	2.46	100.0	9	192
137.0	46.0	24	43.5	113	43.6	AX	66	07	28	1106	135	424	3.17	100.0	15	32
137.0	50.0	24	36.5	114	00.5	AX	66	07	28	0856	142	486	2.93	100.0	37	54
137.0	55.0	24	29.0	114	18.0	AX	66	07	28	0611	145	518	2.79	100.0	24	814
137.0	60.0	24	21.0	114	37.8	AX	66	07	28	0346	142	544	2.60	100.0	83	730

TABLE 1. (cont.)

CalCOFI Cruise 6608

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	51.0	34	26.0	120	32.7	JD	66	08	05	1318	79	439	1.80	100.0	12	210
80.0	52.0	34	24.5	120	36.7	JD	66	08	05	1401	137	465	2.95	100.0	16	110
80.0	55.0	34	19.0	120	48.0	JD	66	08	05	1541	140	438	3.21	100.0	111	4
80.0	60.0	34	09.0	121	09.0	JD	66	08	05	1811	138	421	3.28	100.0	38	8
80.0	65.0	33	59.0	121	30.0	JD	66	08	05	2031	143	431	3.31	100.0	46	13
80.0	70.0	33	48.5	121	51.0	JD	66	08	05	2301	145	419	3.46	100.0	36	7
80.0	80.0	33	28.7	122	32.0	JD	66	08	06	0331	141	426	3.32	100.0	15	2
80.0	90.0	33	09.0	123	13.0	JD	66	08	06	0746	142	429	3.31	100.0	7	10
82.0	47.0	34	15.0	119	59.0	JD	66	08	05	0936	138	468	2.94	100.0	77	10
83.0	40.0	34	14.4	119	21.5	JD	66	08	07	1429	18	153	1.16	100.0	117	664
83.0	43.0	34	08.0	119	34.0	JD	66	08	07	1251	129	398	3.23	100.0	492	187
83.0	51.0	33	52.0	120	07.5	JD	66	08	07	0546	126	356	3.54	100.0	430	23
83.0	55.0	33	45.0	120	22.4	JD	66	08	07	0401	139	398	3.50	100.0	80	3
83.0	60.0	33	34.0	120	45.0	JD	66	08	07	0120	132	441	2.99	100.0	43	10
83.0	65.0	33	24.0	121	06.0	JD	66	08	06	2301	141	448	3.14	100.0	65	10
83.0	70.0	33	14.5	121	26.0	JD	66	08	06	2036	142	450	3.15	100.0	69	12
83.0	80.0	32	54.0	122	08.0	JD	66	08	06	1626	137	455	3.00	100.0	21	12
83.0	90.0	32	34.5	122	50.0	JD	66	08	06	1156	137	445	3.07	100.0	9	8
87.0	33.0	33	54.2	118	29.4	JD	66	08	07	1854	45	159	2.86	100.0	453	262
87.0	35.0	33	50.0	118	37.5	JD	66	08	07	1956	135	423	3.40	100.0	426	123
87.0	40.0	33	40.0	118	58.0	JD	66	08	07	2201	127	442	2.88	100.0	256	57
87.0	45.0	33	30.0	119	19.0	JD	66	08	08	0006	124	447	2.77	100.0	19	16
87.0	50.0	33	20.0	119	39.5	JD	66	08	08	0238	67	217	3.09	100.0	32	2
87.0	55.0	33	10.0	120	00.0	JD	66	08	08	0451	136	431	3.14	100.0	17	1
87.0	60.0	33	00.0	120	21.5	JD	66	08	08	0721	137	438	3.13	100.0	16	11
87.0	65.0	32	49.5	120	41.5	JD	66	08	08	0926	134	446	3.01	100.0	7	0
87.0	70.0	32	39.5	121	02.1	JD	66	08	08	1141	140	412	3.39	100.0	25	12
87.0	80.0	32	19.5	121	43.0	JD	66	08	08	1546	140	432	3.23	100.0	9	10
87.0	90.0	31	59.0	122	24.0	JD	66	08	08	1956	135	423	3.19	100.0	13	21
90.0	28.0	33	27.3	117	46.7	JD	66	08	10	0416	140	394	3.54	100.0	2227	682
90.0	30.0	33	24.8	117	53.4	JD	66	08	10	0256	145	390	3.71	100.0	716	63
90.0	32.0	33	20.5	118	03.0	JD	66	08	10	0151	139	370	3.76	100.0	65	345
90.0	37.0	33	11.0	118	22.5	JD	66	08	09	2336	138	401	3.45	100.0	119	241
90.0	45.0	32	54.5	118	55.0	JD	66	08	09	2026	135	455	2.97	100.0	54	7
90.0	50.0	32	44.8	119	16.0	JD	66	08	09	1751	137	425	3.22	100.0	8	1
90.0	55.0	32	35.0	119	36.7	JD	66	08	09	1531	138	431	3.20	100.0	15	5
90.0	60.0	32	25.0	118	57.5	JD	66	08	09	1326	140	404	3.47	100.0	14	1
90.0	65.0	32	14.5	120	18.0	JD	66	08	09	1120	141	395	3.57	100.0	10	6
90.0	70.0	32	04.5	120	38.5	JD	66	08	09	0856	133	427	3.12	100.0	9	9
90.0	80.0	31	45.5	121	19.0	JD	66	08	09	0411	141	438	3.21	100.0	18	17
90.0	90.0	31	24.0	122	01.0	JD	66	08	09	0011	142	424	3.35	100.0	54	169
93.0	27.0	32	56.0	117	19.0	JD	66	08	10	0823	86	240	3.59	100.0	108	91
93.0	28.0	32	54.7	117	21.8	JD	66	08	10	0901	149	370	4.03	100.0	51	675
93.0	30.0	32	50.2	117	30.6	JD	66	08	11	1836	137	406	3.38	100.0	58	8
93.0	35.0	32	39.2	117	52.3	JD	66	08	11	2051	134	389	3.44	100.0	80	4

TABLE 1. (cont.)

CalCOFI Cruise 6608

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	40.0	32 30.0	118 11.5	JD	66 08 11	2251	138	411	3.36	100.0	13	0
93.0	45.0	32 20.0	118 32.0	JD	66 08 12	0101	140	422	3.32	100.0	54	1
93.0	50.0	32 10.0	118 52.5	JD	66 08 12	0321	138	397	3.48	100.0	22	2
93.0	55.0	32 00.0	119 14.0	JD	66 08 12	0531	139	412	3.36	100.0	19	5
93.0	60.0	31 50.0	119 34.0	JD	66 08 12	0811	131	410	3.19	100.0	14	11
93.0	65.0	31 40.0	119 53.5	JD	66 08 12	1026	129	477	2.70	100.0	12	14
93.0	70.0	31 30.0	120 14.0	JD	66 08 12	1256	138	382	3.60	100.0	4	208
93.0	80.0	31 10.0	120 54.5	JD	66 08 12	1705	142	477	2.97	100.0	5	67
97.0	29.0	32 17.5	117 04.5	JD	66 08 13	2104	41	186	2.23	100.0	122	55
97.0	30.0	32 16.0	117 07.0	JD	66 08 13	2019	46	169	2.71	100.0	141	228
97.0	35.0	32 05.5	117 27.4	JD	66 08 13	1746	139	455	3.06	100.0	70	9
97.0	40.0	31 56.0	117 48.0	JD	66 08 13	1546	141	466	3.02	100.0	53	80
97.0	45.0	31 46.0	118 08.5	JD	66 08 13	1321	139	444	3.14	100.0	14	206
97.0	50.0	31 34.0	118 29.0	JD	66 08 13	1056	138	448	3.09	100.0	5	60
97.0	55.0	31 25.0	118 50.0	JD	66 08 13	0851	138	464	2.97	100.0	16	90
97.0	60.0	31 16.8	119 09.5	JD	66 08 13	0631	141	464	3.03	100.0	25	821
97.0	65.0	31 05.7	119 30.0	JD	66 08 13	0411	138	471	2.92	100.0	65	478
97.0	70.0	30 55.0	119 50.5	JD	66 08 13	0146	139	478	2.90	100.0	31	792
97.0	80.0	30 35.0	120 31.0	JD	66 08 12	2146	135	486	2.78	100.0	75	2851
100.0	29.0	31 42.2	116 43.4	JD	66 08 14	0056	132	479	2.75	100.0	18	34
100.0	30.0	31 40.5	116 46.5	JD	66 08 14	0156	135	475	2.85	100.0	74	86
100.0	35.0	31 30.5	117 07.0	JD	66 08 14	0411	139	438	3.18	100.0	60	2
100.0	40.0	31 21.0	117 27.0	JD	66 08 14	0621	136	474	2.86	100.0	65	73
100.0	45.0	31 10.5	117 46.5	JD	66 08 14	0836	132	472	2.79	100.0	56	112
100.0	50.0	31 01.0	118 08.0	JD	66 08 14	1056	143	441	3.24	100.0	27	155
100.0	55.0	30 50.5	118 27.5	JD	66 08 14	1306	140	446	3.14	100.0	18	110
100.0	60.0	30 40.5	118 47.5	JD	66 08 14	1526	141	455	3.10	100.0	24	620
100.0	65.0	30 30.0	119 08.0	JD	66 08 14	1746	135	470	2.88	100.0	110	2359
100.0	70.0	30 20.5	119 27.5	JD	66 08 14	2006	132	481	2.75	100.0	117	249
103.0	29.0	31 07.0	116 21.0	JD	66 08 15	1955	28	178	1.57	100.0	356	131
103.0	30.0	31 06.0	116 24.5	JD	66 08 15	1913	57	193	2.93	100.0	82	21
103.0	35.0	30 56.0	116 45.0	JD	66 08 15	1706	143	438	3.27	100.0	16	161
103.0	40.0	30 46.0	117 05.0	JD	66 08 15	1451	139	465	3.00	100.0	55	26
103.0	45.0	30 36.0	117 24.0	JD	66 08 15	1226	139	432	3.22	100.0	24	1
103.0	50.0	30 20.0	117 44.0	JD	66 08 15	0931	143	445	3.22	100.0	57	207
103.0	55.0	30 12.0	118 04.0	JD	66 08 15	0716	140	443	3.15	100.0	92	314
103.0	60.0	30 04.0	118 25.0	JD	66 08 15	0501	140	435	3.21	100.0	69	138
103.0	65.0	29 56.5	118 44.0	JD	66 08 15	0230	139	460	3.02	100.0	477	138
103.0	70.0	29 46.5	119 04.0	JD	66 08 15	0006	139	461	3.02	100.0	410	236
107.0	31.0	30 27.8	116 07.0	JD	66 08 15	2358	38	194	1.99	100.0	48	1179
107.0	32.0	30 26.5	116 11.2	JD	66 08 16	0036	139	457	3.04	100.0	44	129
107.0	35.0	30 21.5	116 22.5	JD	66 08 16	0206	146	438	3.34	100.0	85	62
107.0	40.0	30 11.0	116 42.0	JD	66 08 16	0426	137	447	3.07	100.0	340	23
107.0	45.0	29 59.0	117 02.0	JD	66 08 16	0626	141	439	3.20	100.0	37	2
107.0	50.0	29 47.0	117 20.0	JD	66 08 16	0841	144	430	3.35	100.0	181	502

TABLE 1. (cont.)

CalCOFI Cruise 6608

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	55.0	29	42.0	117	39.0	JD	66	08	16	1111	132	486	2.71	100.0	150	337
107.0	60.0	29	32.0	118	01.5	JD	66	08	16	1331	141	453	3.12	100.0	159	95
107.0	65.0	29	21.0	118	21.0	JD	66	08	16	1541	139	467	2.98	100.0	268	1596
107.0	70.0	29	11.0	118	41.0	JD	66	08	16	1806	138	476	2.89	100.0	155	257
110.0	32.0	29	52.0	115	47.8	JD	66	08	17	1634	21	156	1.32	100.0	338	316
110.0	35.0	29	46.0	116	00.0	JD	66	08	17	1506	143	442	3.23	100.0	51	107
110.0	40.0	29	36.5	116	19.5	JD	66	08	17	1236	140	441	3.17	100.0	31	394
110.0	45.0	29	25.5	116	39.0	JD	66	08	17	1016	136	473	2.88	100.0	117	525
110.0	50.0	29	15.5	116	59.0	JD	66	08	17	0746	133	475	2.80	100.0	261	149
110.0	55.0	29	06.0	117	19.5	JD	66	08	17	0526	140	468	2.98	100.0	218	493
110.0	60.0	28	56.5	117	39.0	JD	66	08	17	0311	142	443	3.22	100.0	573	322
110.0	65.0	28	46.0	117	58.0	JD	66	08	17	0041	145	453	3.19	100.0	602	864
110.0	70.0	28	36.5	118	18.0	JD	66	08	16	2211	136	454	2.99	100.0	634	305
113.0	29.0	29	24.2	115	13.2	JD	66	08	17	2104	20	168	1.17	100.0	314	870
113.0	30.0	29	22.0	115	18.0	JD	66	08	17	2153	52	200	2.61	100.0	416	103
113.0	35.0	29	11.5	115	38.0	JD	66	08	17	2356	137	448	3.06	100.0	109	42
113.0	40.0	29	02.0	115	57.0	JD	66	08	18	0206	141	448	3.15	100.0	150	20
113.0	45.0	28	51.2	116	18.3	JD	66	08	18	0426	138	436	3.17	100.0	76	9
113.0	50.0	28	41.5	116	36.5	JD	66	08	18	0636	138	436	3.15	100.0	252	7
113.0	55.0	28	30.7	116	56.0	JD	66	08	18	0846	131	489	2.67	100.0	169	783
113.0	60.0	28	21.2	117	15.0	JD	66	08	18	1046	143	478	2.99	100.0	286	144
113.0	65.0	28	12.0	117	36.0	JD	66	08	18	1311	142	387	3.67	100.0	378	282
113.0	70.0	28	02.0	117	55.0	JD	66	08	18	1521	140	421	3.32	100.0	182	6086
117.0	25.0	28	58.0	114	37.0	JD	66	08	20	0739	40	152	2.66	100.0	52	512
117.0	26.0	28	56.0	114	41.5	JD	66	08	20	0648	60	239	2.53	100.0	250	146
117.0	30.0	28	48.0	114	56.5	JD	66	08	20	0502	96	343	2.81	100.0	144	990
117.0	35.0	28	38.0	115	16.0	JD	66	08	20	0241	140	456	3.07	100.0	147	46
117.0	40.0	28	28.0	115	35.5	JD	66	08	19	0936	128	460	2.79	100.0	36	102
117.0	45.0	28	18.0	115	56.2	JD	66	08	19	0706	141	438	3.23	100.0	8	19
117.0	50.0	28	07.8	116	19.6	JD	66	08	19	0426	139	430	3.24	100.0	114	67
117.0	55.0	27	57.8	116	37.5	JD	66	08	19	0201	139	430	3.02	100.0	62	84
117.0	60.0	27	47.8	116	55.5	JD	66	08	18	2346	142	430	3.30	100.0	584	244
117.0	65.0	27	37.5	117	13.0	JD	66	08	18	2136	134	475	2.83	100.0	305	125
117.0	70.0	27	27.5	117	32.5	JD	66	08	18	1916	137	463	2.97	100.0	948	461
118.0	39.0	28	18.5	115	23.7	JD	66	08	19	1136	119	424	2.81	100.0	33	62
119.0	33.0	28	19.0	114	53.0	JD	66	08	19	2350	103	354	2.91	100.0	191	329
120.0	24.0	28	25.0	114	10.7	JD	66	08	20	1134	35	151	2.31	100.0	129	301
120.0	25.0	28	22.5	114	15.0	JD	66	08	20	1214	46	172	2.67	100.0	276	353
120.0	30.0	28	13.0	114	34.0	JD	66	08	20	1409	85	274	3.12	100.0	226	1088
120.0	35.0	28	03.0	114	54.0	JD	66	08	20	1628	67	267	2.50	100.0	113	158
120.0	40.0	27	56.5	115	14.0	JD	66	08	20	1819	26	125	2.06	100.0	106	200
120.0	45.0	27	43.0	115	33.0	JD	66	08	20	2026	137	481	2.86	100.0	140	137
120.0	50.0	27	33.0	115	52.5	JD	66	08	20	2246	136	474	2.87	100.0	49	85
120.0	55.0	27	21.8	116	11.7	JD	66	08	21	0056	139	433	3.20	100.0	161	205
120.0	60.0	27	11.5	116	30.0	JD	66	08	21	0311	141	433	3.23	100.0	623	234

TABLE 1. (cont.)

CalCOFI Cruise 6608

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	65.0	27	03.0	116	50.0	JD	66	08	21	0521	140	455	3.08	100.0	0	0
120.0	70.0	26	53.0	117	09.0	JD	66	08	21	0746	134	464	2.88	100.0	411	33
123.0	36.0	27	26.2	114	36.0	JD	66	08	22	0059	41	144	2.84	100.0	32	745
123.0	37.0	27	24.0	114	40.0	JD	66	08	22	0013	64	212	3.01	100.0	16	434
123.0	40.0	27	18.0	114	52.0	JD	66	08	21	2231	140	438	3.20	100.0	271	1841
123.0	45.0	27	08.0	115	11.5	JD	66	08	21	2006	141	442	3.19	100.0	92	102
123.0	50.0	26	58.8	115	29.9	JD	66	08	21	1746	454	139	3.07	100.0	36	32
123.0	55.0	26	48.5	115	49.5	JD	66	08	21	1536	141	451	3.14	100.0	405	93
123.0	60.0	26	38.5	116	09.0	JD	66	08	21	1301	143	44	3.21	100.0	257	368
127.0	33.0	26	57.5	114	02.2	JD	66	08	22	0523	58	226	2.56	100.0	104	794
127.0	34.0	26	55.0	114	06.5	JD	66	08	22	0603	74	279	2.66	100.0	93	342
127.0	40.0	26	43.5	114	29.0	JD	66	08	22	0841	135	456	2.95	100.0	81	130
127.0	45.0	26	33.0	114	48.5	JD	66	08	22	1051	129	498	2.60	100.0	394	95
127.0	50.0	26	23.0	115	08.0	JD	66	08	22	1306	142	454	3.14	100.0	133	234
127.0	55.0	26	13.5	115	27.3	JD	66	08	22	1526	141	445	3.16	100.0	105	156
127.0	60.0	26	05.0	115	45.0	JD	66	08	22	1741	136	465	2.96	100.0	46	49
130.0	28.0	26	33.0	113	21.0	JD	66	08	23	1238	49	168	2.95	100.0	360	230
130.0	30.0	26	29.0	113	29.0	JD	66	08	23	1143	58	230	2.54	100.0	433	473
130.0	35.0	26	19.0	113	49.5	JD	66	08	23	0906	128	418	3.07	100.0	113	202
130.0	40.0	26	08.5	114	07.2	JD	66	08	23	0651	137	444	3.08	100.0	331	91
130.0	45.0	26	03.0	114	28.0	JD	66	08	23	0436	141	438	3.21	100.0	398	64
130.0	50.0	25	51.5	114	46.5	JD	66	08	23	0221	144	450	3.19	100.0	655	29
130.0	55.0	25	40.7	115	04.8	JD	66	08	23	0001	136	473	2.87	100.0	330	26
130.0	60.0	25	29.0	115	24.0	JD	66	08	22	2146	135	462	2.93	100.0	562	56
133.0	23.0	26	08.5	112	40.2	JD	66	08	23	1718	59	211	2.81	100.0	3470	904
133.0	25.0	26	04.5	112	48.0	JD	66	08	23	1818	76	242	3.15	100.0	306	93
133.0	30.0	25	54.5	113	07.5	JD	66	08	23	2036	138	443	3.12	100.0	248	25
133.0	35.0	25	44.5	113	26.5	JD	66	08	23	2251	144	412	3.50	100.0	179	879
133.0	40.0	25	34.0	113	44.5	JD	66	08	24	0106	144	429	3.36	100.0	379	24
133.0	45.0	25	22.9	114	04.6	JD	66	08	24	0321	142	431	3.29	100.0	220	50
133.0	50.0	25	11.8	114	24.3	JD	66	08	24	0531	143	443	3.22	100.0	99	61
133.0	55.0	25	01.5	114	43.2	JD	66	08	24	0746	139	437	3.18	100.0	37	417
133.0	60.0	24	50.5	115	03.2	JD	66	08	24	1006	130	468	2.78	100.0	85	1035
137.0	22.0	25	36.1	112	14.8	JD	66	08	25	0754	47	167	2.79	100.0	228	1108
137.0	23.0	25	34.0	112	19.0	JD	66	08	25	0703	67	246	2.72	100.0	657	4375
137.0	30.0	25	22.8	112	50.7	JD	66	08	25	0346	138	448	3.09	100.0	561	3
137.0	35.0	25	11.8	113	07.8	JD	66	08	25	0126	139	446	3.11	100.0	209	59
137.0	40.0	25	01.0	113	24.8	JD	66	08	24	2311	134	450	2.98	100.0	123	137
137.0	45.0	24	50.0	113	43.0	JD	66	08	24	2051	131	466	2.82	100.0	294	175
137.0	50.0	24	40.0	114	02.5	JD	66	08	24	1831	139	459	3.03	100.0	86	1973
137.0	55.0	24	29.5	114	21.0	JD	66	08	24	1616	138	450	3.06	100.0	179	1037
137.0	60.0	24	20.0	114	40.5	JD	66	08	24	1346	138	445	3.10	100.0	581	168

TABLE 1. (cont.)

CalCOFI Cruise 6609

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	51.0	34	26.0	120	32.7	JD	66	09	07	0902	99	308	3.23	100.0	54	5
80.0	52.0	34	26.0	120	37.4	JD	66	09	07	1401	137	403	3.41	100.0	153	3
80.0	55.0	34	19.0	120	48.0	JD	66	09	07	1601	139	443	3.13	100.0	16	66
80.0	60.0	34	09.0	121	09.0	JD	66	09	07	1836	140	440	3.19	100.0	16	6
80.0	65.0	33	59.0	121	30.0	JD	66	09	07	2056	139	447	3.11	100.0	55	15
80.0	70.0	33	48.5	121	51.0	JD	66	09	07	2316	138	439	3.15	100.0	20	17
80.0	80.0	33	28.0	122	33.7	JD	66	09	08	0306	142	442	3.22	100.0	30	13
80.0	90.0	33	09.0	123	13.0	JD	66	09	08	0716	140	443	3.17	100.0	39	44
82.0	47.0	34	15.0	119	59.0	JD	66	09	09	0951	141	436	3.22	100.0	60	826
83.0	40.0	34	14.0	119	22.0	JD	66	09	09	1354	21	117	1.77	100.0	53	265
83.0	43.0	34	08.0	119	34.0	JD	66	09	09	1216	142	425	3.33	100.0	81	44
83.0	51.0	33	52.0	120	08.5	JD	66	09	09	0617	91	339	2.68	100.0	149	113
83.0	55.0	33	44.5	120	23.0	JD	66	09	09	0336	127	459	2.77	100.0	285	193
83.0	60.0	33	33.7	120	45.7	JD	66	09	09	0046	128	470	2.73	100.0	124	13
83.0	65.0	33	24.0	121	05.6	JD	66	09	08	2201	140	433	3.24	100.0	97	4
83.0	70.0	33	14.5	121	26.0	JD	66	09	08	1931	137	449	3.05	100.0	46	12
83.0	80.0	32	54.0	122	08.0	JD	66	09	08	1521	144	448	3.22	100.0	22	31
83.0	90.0	32	31.5	122	52.0	JD	66	09	08	1106	138	447	3.08	100.0	7	172
87.0	33.0	33	54.2	118	29.4	JD	66	09	09	1833	46	176	2.62	100.0	79	119
87.0	35.0	33	50.0	118	37.4	JD	66	09	09	1951	132	435	3.02	100.0	1078	16
87.0	40.0	33	40.0	118	58.0	JD	66	09	09	2206	142	431	3.29	100.0	70	11
87.0	45.0	33	30.0	119	19.0	JD	66	09	10	0031	143	433	3.30	100.0	85	47
87.0	50.0	33	20.0	119	39.0	JD	66	09	10	0258	71	233	3.03	100.0	165	193
87.0	55.0	33	10.0	120	00.0	JD	66	09	10	0516	141	428	3.30	100.0	14	26
87.0	60.0	33	01.5	120	20.0	JD	66	09	10	0751	141	432	3.25	100.0	5	11
87.0	65.0	32	49.5	120	41.5	JD	66	09	10	1026	139	455	3.06	100.0	3	9
87.0	70.0	32	39.5	121	02.0	JD	66	09	10	1246	141	435	3.25	100.0	6	9
87.0	80.0	32	19.5	121	43.0	JD	66	09	10	1711	133	474	2.81	100.0	13	23
87.0	90.0	32	00.0	122	24.0	JD	66	09	10	2151	135	446	3.04	100.0	20	46
90.0	28.0	33	28.5	117	46.7	JD	66	09	15	0531	145	428	3.39	100.0	102	18
90.0	32.0	33	20.5	118	03.0	JD	66	09	15	0341	129	451	2.87	100.0	150	39
90.0	37.0	33	11.0	118	22.5	JD	66	09	15	0121	138	422	3.28	100.0	421	14
90.0	45.0	32	54.5	118	55.5	JD	66	09	15	2131	140	434	3.22	100.0	253	6
90.0	50.0	32	45.0	119	16.0	JD	66	09	15	1906	141	443	3.18	100.0	218	7
90.0	55.0	32	35.0	119	37.0	JD	66	09	11	1836	141	412	3.41	100.0	8	135
90.0	60.0	32	25.0	119	57.5	JD	66	09	11	1621	143	436	3.27	100.0	9	1
90.0	65.0	32	14.5	120	18.0	JD	66	09	11	1341	142	429	3.31	100.0	11	7
90.0	70.0	32	01.0	120	39.0	JD	66	09	11	1101	138	440	3.12	100.0	7	29
90.0	80.0	31	45.0	121	19.5	JD	66	09	11	0646	143	415	3.45	100.0	2	38
90.0	90.0	31	23.0	122	02.0	JD	66	09	11	0216	140	450	3.11	100.0	20	87
93.0	27.0	32	56.0	117	19.0	JD	66	09	15	0926	138	433	3.19	100.0	30	190
93.0	28.0	32	54.7	117	21.8	JD	66	09	15	1016	137	438	3.12	100.0	46	242
93.0	30.0	32	50.5	117	31.0	JD	66	09	15	1146	138	456	3.02	100.0	76	129
93.0	35.0	32	40.5	117	51.5	JD	66	09	15	1351	141	455	3.09	100.0	98	156
93.0	40.0	32	30.0	118	11.5	JD	66	09	15	1601	144	455	3.17	100.0	26	31

TABLE 1. (cont.)

CalCOFI Cruise 6609

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	45.0	32 20.0	118 32.0	JD	66 09 15	1821	138	454	3.04	100.0	123	4
93.0	50.0	32 10.0	118 52.5	JD	66 09 15	2041	140	426	3.29	100.0	79	5
93.0	55.0	32 00.0	119 13.5	JD	66 09 15	2251	141	436	3.23	100.0	25	2
93.0	60.0	31 50.6	119 34.5	JD	66 09 16	0106	140	439	3.20	100.0	22	30
93.0	65.0	31 43.0	119 52.5	JD	66 09 16	0341	143	437	3.27	100.0	18	38
93.0	70.0	31 30.0	120 14.0	JD	66 09 16	0611	139	452	3.07	100.0	8	123
93.0	80.0	31 10.0	120 54.5	JD	66 09 16	1001	140	439	3.18	100.0	9	127
97.0	29.0	32 17.5	117 04.7	JD	66 09 17	1211	41	145	2.84	100.0	36	25
97.0	30.0	32 16.0	117 07.0	JD	66 09 17	1143	48	180	2.69	100.0	53	9
97.0	35.0	32 05.5	117 27.5	JD	66 09 17	0911	139	421	3.31	100.0	312	13
97.0	40.0	31 56.0	117 48.0	JD	66 09 17	0701	142	419	3.38	100.0	11	13
97.0	45.0	31 46.0	118 08.5	JD	66 09 17	0446	140	434	3.24	100.0	204	200
97.0	50.0	31 36.0	118 30.5	JD	66 09 17	0221	135	450	3.00	100.0	110	47
97.0	55.0	31 25.5	118 49.5	JD	66 09 17	0001	136	451	3.02	100.0	343	370
97.0	60.0	31 15.0	119 10.0	JD	66 09 16	2136	141	430	3.27	100.0	89	72
97.0	65.0	31 05.0	119 31.0	JD	66 09 16	1926	140	432	3.25	100.0	8	82
97.0	70.0	30 55.0	119 50.5	JD	66 09 16	1731	141	447	3.16	100.0	17	138
97.0	80.0	30 35.0	120 31.0	JD	66 09 16	1336	132	450	2.94	100.0	153	302
100.0	29.0	31 42.2	116 43.4	JD	66 09 17	1601	131	462	2.84	100.0	59	8
100.0	30.0	31 40.5	116 46.5	JD	66 09 17	1646	134	449	2.98	100.0	83	14
100.0	35.0	31 30.5	117 07.0	JD	66 09 17	1851	141	440	3.21	100.0	54	5
100.0	40.0	31 21.0	117 27.0	JD	66 09 17	2111	136	452	3.00	100.0	56	13
100.0	45.0	31 10.5	117 46.5	JD	66 09 17	2346	137	430	3.18	100.0	110	53
100.0	50.0	30 58.0	118 08.0	JD	66 09 18	0211	139	425	3.26	100.0	49	8
100.0	55.0	30 50.5	118 27.7	JD	66 09 18	0426	135	452	2.99	100.0	257	145
100.0	60.0	30 35.5	118 46.3	JD	66 09 18	0641	136	460	2.96	100.0	107	125
100.0	65.0	30 30.0	119 07.0	JD	66 09 18	0846	138	445	3.10	100.0	212	77
100.0	70.0	30 20.5	119 27.5	JD	66 09 18	1051	138	437	3.16	100.0	319	47
103.0	29.0	31 07.0	116 21.0	JD	66 09 19	1004	28	150	1.89	100.0	34	553
103.0	30.0	31 06.0	116 24.5	JD	66 09 19	0919	50	160	3.11	100.0	45	164
103.0	35.0	30 56.0	116 45.0	JD	66 09 19	0701	137	454	3.02	100.0	6	2
103.0	40.0	30 46.0	117 04.5	JD	66 09 19	0546	141	432	3.27	100.0	186	8
103.0	45.0	30 36.0	117 24.0	JD	66 09 19	0221	137	442	3.09	100.0	160	18
103.0	50.0	30 26.0	117 44.5	JD	66 09 19	0006	137	439	3.13	100.0	157	5
103.0	55.0	30 15.5	118 05.0	JD	66 09 18	2131	136	442	3.08	100.0	101	83
103.0	60.0	30 06.0	118 25.0	JD	66 09 18	1916	143	438	3.27	100.0	132	223
103.0	65.0	29 56.5	118 44.0	JD	66 09 18	1706	140	440	3.18	100.0	131	208
103.0	70.0	29 46.5	119 04.0	JD	66 09 18	1446	139	444	3.12	100.0	417	62
107.0	31.0	30 27.8	116 07.0	JD	66 09 19	1354	28	110	2.54	100.0	71	98
107.0	32.0	30 25.8	116 11.0	JD	66 09 19	1441	141	427	3.30	100.0	43	42
107.0	35.0	30 21.5	116 22.5	JD	66 09 19	1606	135	460	2.94	100.0	111	24
107.0	40.0	30 11.0	116 42.0	JD	66 09 19	1826	138	460	2.99	100.0	60	100
107.0	45.0	30 01.0	117 01.6	JD	66 09 19	2026	138	443	3.12	100.0	3	14
107.0	50.0	29 50.5	117 22.0	JD	66 09 19	2236	140	443	3.15	100.0	79	122
107.0	55.0	29 41.0	117 42.0	JD	66 09 20	0056	138	448	3.08	100.0	54	137

TABLE 1. (cont.)

CalCOFI Cruise 6609

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	60.0	29	32.0	118	01.5	JD	66	09	20	0316	140	461	3.05	100.0	474	130
107.0	65.0	29	21.0	118	21.0	JD	66	09	20	0536	143	460	3.10	100.0	1151	78
107.0	70.0	29	11.5	118	41.0	JD	66	09	20	0746	141	450	3.12	100.0	372	66
110.0	32.0	29	52.0	115	47.8	JD	66	09	21	0519	18	85	2.17	100.0	56	346
110.0	35.0	29	46.0	116	00.0	JD	66	09	21	0341	138	431	3.20	100.0	87	18
110.0	40.0	29	38.5	116	15.8	JD	66	09	21	0136	139	428	3.26	100.0	139	26
110.0	45.0	29	28.0	116	36.6	JD	66	09	20	2316	142	432	3.29	100.0	190	142
110.0	50.0	29	17.2	116	57.8	JD	66	09	20	2101	141	435	3.23	100.0	285	257
110.0	55.0	29	06.5	117	19.0	JD	66	09	20	1846	145	447	3.23	100.0	282	647
110.0	60.0	28	56.5	117	39.0	JD	66	09	20	1636	139	452	3.07	100.0	587	74
110.0	65.0	28	46.0	117	59.0	JD	66	09	20	1411	137	454	3.02	100.0	484	159
110.0	70.0	28	37.0	118	18.5	JD	66	09	20	1146	140	456	3.08	100.0	264	114
113.0	29.0	29	24.2	115	13.0	JD	66	09	21	0934	19	130	1.47	100.0	21	130
113.0	30.0	29	22.0	115	18.0	JD	66	09	21	1019	34	201	1.69	100.0	14	0
113.0	35.0	29	11.5	115	38.0	JD	66	09	21	1241	141	433	3.24	100.0	40	5
113.0	40.0	29	02.0	115	57.0	JD	66	09	21	1501	140	442	3.17	100.0	283	28
113.0	45.0	28	52.0	116	18.0	JD	66	09	21	1711	138	455	3.03	100.0	55	77
113.0	50.0	28	42.0	116	37.0	JD	66	09	21	1916	139	457	3.03	100.0	352	85
113.0	55.0	28	31.8	116	56.7	JD	66	09	21	2126	132	454	2.91	100.0	308	60
113.0	60.0	28	22.0	117	15.5	JD	66	09	21	2336	129	462	2.80	100.0	106	24
113.0	65.0	28	12.0	117	35.5	JD	66	09	22	0151	140	440	3.18	100.0	304	159
113.0	70.0	28	02.0	117	55.0	JD	66	09	22	0401	136	454	3.00	100.0	846	43
117.0	25.0	28	58.2	114	36.7	JD	66	09	23	0849	40	230	1.72	100.0	39	220
117.0	26.0	28	56.0	114	41.5	JD	66	09	23	0758	62	202	3.07	100.0	21	129
117.0	30.0	28	48.0	114	56.5	JD	66	09	23	0557	96	318	3.02	100.0	12	14
117.0	35.0	28	38.0	115	16.0	JD	66	09	23	0336	142	435	3.27	100.0	92	23
117.0	40.0	28	28.0	115	35.5	JD	66	09	22	2326	140	427	3.27	100.0	114	3
117.0	45.0	28	18.5	115	59.0	JD	66	09	22	2036	143	442	3.24	100.0	118	5
117.0	50.0	28	12.0	116	14.0	JD	66	09	22	1846	136	462	2.94	100.0	129	30
117.0	55.0	27	59.0	116	35.0	JD	66	09	22	1601	135	469	2.88	100.0	75	23
117.0	60.0	27	47.0	116	55.0	JD	66	09	22	1311	135	460	2.94	100.0	85	81
117.0	65.0	27	38.0	117	13.0	JD	66	09	22	1026	139	455	3.05	100.0	85	13
117.0	70.0	27	27.5	117	32.5	JD	66	09	22	0801	138	460	3.00	100.0	36	16
118.0	39.0	28	18.5	115	23.7	JD	66	09	23	0106	138	445	3.09	100.0	177	10
119.0	33.0	28	19.0	114	53.0	JD	66	09	24	0022	142	322	3.09	100.0	1104	491
120.0	24.0	28	25.0	114	10.7	JD	66	09	23	1404	28	106	2.67	100.0	28	214
120.0	25.0	28	22.5	114	15.0	JD	66	09	23	1454	49	176	2.81	100.0	36	311
120.0	30.0	28	13.0	114	34.0	JD	66	09	23	1702	93	292	3.18	100.0	79	586
120.0	35.0	28	03.0	114	54.0	JD	66	09	23	1943	71	231	3.08	100.0	598	508
120.0	40.0	27	56.5	115	14.0	JD	66	09	23	2104	36	126	2.86	100.0	85	478

TABLE 1. (cont.)

CalCOFI Cruise 6610

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37 57.0	122 53.1	JD	66 10 16	1009	31	138	2.27	100.0	9	199
60.0	52.0	37 54.0	120 01.7	JD	66 10 16	0844	39	136	2.87	100.0	0	14
60.0	55.0	37 47.0	123 15.0	JD	66 10 16	0643	109	366	2.98	100.0	61	324
60.0	60.0	37 37.0	123 37.0	JD	66 10 16	0411	141	451	3.13	100.0	26	18
60.0	70.0	37 17.0	124 21.0	JD	66 10 15	2255	155	463	3.35	100.0	16	9
60.0	80.0	36 56.5	125 04.0	JD	66 10 15	1806	128	510	2.50	100.0	12	12
60.0	90.0	36 38.5	125 47.0	JD	66 10 15	1316	140	492	2.86	100.0	4	8
63.0	50.0	37 23.3	122 27.8	JD	66 10 16	1359	26	131	1.99	100.0	6	205
63.0	52.0	37 18.7	122 36.5	JD	66 10 16	1458	77	265	2.89	100.0	14	123
63.0	55.0	37 13.0	122 50.0	JD	66 10 16	1626	143	451	3.18	100.0	10	16
63.0	60.0	37 03.0	123 12.0	JD	66 10 16	1846	135	469	2.87	100.0	37	15
63.0	80.0	36 26.0	124 39.0	JD	66 10 17	0326	140	470	2.98	100.0	14	5
63.0	90.0	36 03.0	125 20.0	JD	66 10 17	0726	142	434	3.28	100.0	2	8
67.0	48.0	36 52.9	121 56.0	JD	66 10 18	0629	28	110	2.53	100.0	1	51
67.0	50.0	36 48.0	122 05.0	JD	66 10 18	0512	85	289	2.93	100.0	76	570
67.0	55.0	36 39.0	122 26.0	JD	66 10 18	0301	139	444	3.13	100.0	36	18
67.0	58.0	36 30.0	122 38.8	JD	66 10 18	0120	137	436	3.15	100.0	33	20
67.0	70.0	36 08.0	123 29.5	JD	66 10 17	2036	142	416	3.41	100.0	127	11
67.0	80.0	35 48.0	124 12.0	JD	66 10 17	1611	140	447	3.41	100.0	9	7
67.0	90.0	35 27.5	124 56.0	JD	66 10 17	1135	144	440	3.26	100.0	9	13
70.0	51.0	36 11.3	121 43.9	JD	66 10 18	1116	141	462	3.04	100.0	8	15
70.0	53.0	36 06.5	121 54.0	JD	66 10 18	1236	141	443	3.18	100.0	12	8
70.0	70.0	35 33.0	123 06.0	JD	66 10 18	1926	144	430	3.35	100.0	9	20
70.0	80.0	35 10.0	123 48.0	JD	66 10 18	2351	140	424	3.31	100.0	17	5
70.0	90.0	34 47.8	124 30.0	JD	66 10 19	0355	140	427	3.27	100.0	25	16
73.0	50.0	35 37.0	121 17.0	JD	66 10 20	0118	85	285	2.97	100.0	17	9
73.0	53.0	35 31.5	121 28.5	JD	66 10 19	2331	129	486	2.65	100.0	21	13
73.0	60.0	35 17.5	121 58.0	JD	66 10 19	2016	136	454	3.00	100.0	21	16
73.0	70.0	34 58.0	122 40.0	JD	66 10 19	1621	139	466	2.99	100.0	3	3
73.0	80.0	34 39.2	123 19.5	JD	66 10 19	1236	136	449	3.03	100.0	11	4
74.0	91.0	34 11.3	124 04.0	JD	66 10 19	0756	140	429	3.26	100.0	4	4
77.0	48.0	35 08.3	120 43.7	JD	66 10 20	0543	28	127	2.19	100.0	9	76
77.0	51.0	35 02.0	120 56.5	JD	66 10 20	0711	144	433	3.33	100.0	12	3
77.0	55.0	34 54.5	121 13.0	JD	66 10 20	0856	139	451	3.08	100.0	6	34
77.0	60.0	34 44.7	121 34.0	JD	66 10 20	1116	136	458	2.96	100.0	3	17
77.0	70.0	34 24.2	122 16.0	JD	66 10 20	1511	143	446	3.21	100.0	8	4
77.0	80.0	34 04.0	122 57.0	JD	66 10 20	2031	145	487	2.98	100.0	19	15
77.0	90.0	33 45.5	123 35.0	JD	66 10 21	0006	142	442	3.21	100.0	15	5
80.0	51.0	34 26.0	120 32.5	JD	66 10 22	0022	111	313	3.53	100.0	47	28
80.0	52.0	34 24.3	120 36.5	JD	66 10 21	2326	139	382	3.65	100.0	14	16
80.0	55.0	34 19.0	120 48.0	JD	66 10 21	2121	145	387	3.74	100.0	34	31
80.0	60.0	34 09.0	121 09.0	JD	66 10 21	1756	129	412	3.12	100.0	4	9
80.0	65.0	33 59.0	121 30.0	JD	66 10 21	1456	140	412	3.39	100.0	2	11
80.0	70.0	33 47.2	121 51.0	JD	66 10 21	1151	135	422	3.21	100.0	12	3
80.0	80.0	33 28.8	122 32.0	JD	66 10 21	0731	141	410	3.43	100.0	16	6

TABLE 1. (cont.)

CalCOFI Cruise 6610

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	90.0	33 14.8	123 08.0	JD	66 10 21	0341	119	548	2.18	100.0	113	19
82.0	47.0	34 15.0	119 59.0	JD	66 10 22	0346	136	419	3.24	100.0	36	92
83.0	40.0	34 14.0	119 22.0	JD	66 10 22	0755	13	49	2.62	100.0	20	63
83.0	43.0	34 08.0	119 34.0	JD	66 10 22	0816	127	413	3.08	100.0	41	26
83.0	51.0	33 52.0	120 08.5	JD	66 10 22	1232	98	278	3.53	100.0	13	72
83.0	55.0	33 44.8	120 22.4	JD	66 10 22	1521	145	383	3.80	100.0	9	9
83.0	60.0	33 34.0	120 45.0	JD	66 10 22	1741	139	393	3.52	100.0	10	7
83.0	65.0	33 24.0	121 06.0	JD	66 10 22	1956	133	424	3.54	100.0	35	2
83.0	70.0	33 14.5	121 26.0	JD	66 10 22	2211	139	409	3.70	100.0	10	2
83.0	80.0	32 54.0	122 08.0	JD	66 10 23	0216	139	399	3.49	100.0	23	2
83.0	90.0	32 35.5	122 50.0	JD	66 10 23	0626	135	407	3.31	100.0	31	19
87.0	33.0	33 54.3	118 29.5	JD	66 10 24	1149	40	135	2.93	100.0	32	3
87.0	35.0	33 50.0	118 37.5	JD	66 10 24	1036	132	417	3.16	100.0	212	41
87.0	40.0	33 40.0	118 58.0	JD	66 10 24	0821	137	390	3.52	100.0	148	28
87.0	45.0	33 30.0	119 19.0	JD	66 10 24	0606	146	376	3.88	100.0	8	2
87.0	50.0	33 20.0	119 39.5	JD	66 10 24	0403	71	205	3.49	100.0	8	1
87.0	55.0	33 15.0	120 00.0	JD	66 10 24	0146	136	409	3.33	100.0	8	3
87.0	60.0	33 00.0	120 12.5	JD	66 10 23	2321	135	402	3.36	100.0	1	4
87.0	65.0	32 49.5	120 41.5	JD	66 10 23	2121	133	424	3.13	100.0	9	4
87.0	70.0	32 39.5	121 02.0	JD	66 10 23	1906	139	409	3.40	100.0	4	8
87.0	80.0	32 19.5	121 43.0	JD	66 10 23	1451	139	409	3.39	100.0	0	9
87.0	90.0	31 57.5	122 24.0	JD	66 10 23	1021	132	418	3.16	100.0	8	5
90.0	28.0	33 28.5	117 46.5	JD	66 10 07	2221	140	450	3.11	100.0	208	7
90.0	32.0	33 20.5	118 03.0	JD	66 10 08	0136	142	414	3.43	100.0	218	34
90.0	37.0	33 11.0	118 22.5	JD	66 10 08	0506	141	423	3.33	100.0	196	12
90.0	45.0	32 54.5	118 55.0	JD	66 10 08	0956	138	485	2.85	100.0	2	1
90.0	53.0	32 39.0	119 28.5	JD	66 10 08	1446	144	454	3.18	100.0	0	2
90.0	60.0	32 25.0	119 57.5	JD	66 10 08	1831	140	473	2.99	100.0	3	5
90.0	65.0	32 15.0	120 18.0	JD	66 10 08	2136	146	447	3.27	100.0	11	3
90.0	80.0	31 41.5	121 17.0	JD	66 10 09	0329	146	458	3.19	100.0	159	14
90.0	90.0	31 21.0	122 02.0	JD	66 10 09	0858	144	493	2.91	100.0	28	12
90.0	100.0	31 05.0	122 39.0	JD	66 10 09	1351	140	461	3.05	100.0	30	49
90.0	110.0	30 45.0	123 19.0	JD	66 10 09	1846	140	447	3.14	100.0	180	38
90.0	120.0	30 25.0	124 00.0	JD	66 10 09	2352	141	497	2.84	100.0	748	185
93.0	27.0	32 56.0	117 19.0	JD	66 10 12	1328	84	257	3.27	100.0	46	10
93.0	28.0	32 54.7	117 21.8	JD	66 10 12	1210	136	418	3.26	100.0	138	0
93.0	30.0	32 50.5	117 31.0	JD	66 10 12	1001	129	434	2.98	100.0	143	13
93.0	35.0	32 40.5	117 51.5	JD	66 10 12	0741	136	424	3.21	100.0	161	2
93.0	40.0	32 30.0	118 11.5	JD	66 10 12	0446	145	456	3.19	100.0	90	2
93.0	45.0	32 20.0	118 32.0	JD	66 10 12	0237	137	440	3.12	100.0	50	2
93.0	50.0	32 11.2	118 52.5	JD	66 10 12	0027	137	451	3.03	100.0	42	0
93.0	55.0	32 01.0	119 13.5	JD	66 10 11	2111	135	459	2.93	100.0	9	2
93.0	60.0	31 50.0	119 34.0	JD	66 10 11	1751	143	449	3.19	100.0	14	34
93.0	65.0	31 40.0	119 53.5	JD	66 10 11	1541	135	467	2.88	100.0	4	10
93.0	67.0	31 35.0	120 02.5	JD	66 10 11	1306	140	460	3.05	100.0	3	3

TABLE 1. (cont.)

CalCOFI Cruise 6610

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	90.0	30	50.5	121	30.0	JD	66	10	10	2046	142	462	3.06	100.0	243	95
93.0	100.0	30	30.0	122	14.0	JD	66	10	10	1525	140	459	3.06	100.0	152	49
93.0	110.0	30	09.5	122	55.0	JD	66	10	10	0951	142	464	3.06	100.0	43	110
93.0	120.0	29	49.0	123	35.0	JD	66	10	10	0507	142	456	3.11	100.0	379	52
94.0	78.0	31	11.5	120	45.6	JD	66	10	11	0239	133	483	2.75	100.0	145	5
97.0	29.0	32	17.0	117	04.7	AX	66	10	13	1524	34	159	2.13	100.0	119	78
97.0	30.0	32	15.8	117	06.6	AX	66	10	13	1609	45	184	2.43	100.0	120	53
97.0	32.0	32	12.0	117	15.2	AX	66	10	13	1806	136	448	3.03	100.0	121	3
97.0	35.0	32	05.3	117	27.5	AX	66	10	13	1951	144	411	3.51	100.0	358	1
97.0	40.0	31	55.0	117	50.0	AX	66	10	13	2241	143	490	2.91	100.0	32	1
97.0	45.0	31	45.9	118	08.9	AX	66	10	14	0158	77	534	1.43	100.0	190	25
97.0	50.0	31	35.8	118	30.2	AX	66	10	14	0458	105	513	2.04	100.0	94	63
97.0	55.0	31	25.5	118	50.0	AX	66	10	14	0731	103	538	1.92	100.0	27	33
97.0	60.0	31	17.0	119	10.0	AX	66	10	14	1038	138	422	3.27	100.0	14	16
97.0	65.0	31	05.0	119	31.5	AX	66	10	14	1332	106	532	1.99	100.0	8	31
97.0	70.0	30	55.0	119	51.0	AX	66	10	14	1615	115	511	2.25	100.0	7	14
97.0	80.0	30	35.0	120	31.0	AX	66	10	14	1956	120	537	2.23	100.0	3	29
100.0	29.0	31	42.0	116	44.3	AX	66	10	16	0323	140	463	3.02	100.0	17	2
100.0	30.0	31	41.1	116	46.6	AX	66	10	16	0236	146	433	3.36	100.0	12	9
100.0	35.0	31	27.7	117	05.0	AX	66	10	16	0001	142	449	3.16	100.0	17	7
100.0	40.0	31	20.3	117	24.8	AX	66	10	15	2141	148	430	3.44	100.0	37	98
100.0	45.0	31	09.9	117	46.0	AX	66	10	15	1906	137	486	2.83	100.0	275	19
100.0	50.0	30	58.9	118	07.8	AX	66	10	15	1624	146	465	3.14	100.0	70	11
100.0	55.0	30	48.8	118	27.5	AX	66	10	15	1358	144	463	3.10	100.0	120	7
100.0	60.0	30	38.5	118	47.7	AX	66	10	15	1126	142	451	3.23	100.0	188	1356
100.0	65.0	30	30.5	119	07.5	AX	66	10	15	0841	142	486	2.93	100.0	292	295
100.0	70.0	30	21.0	119	27.8	AX	66	10	15	0557	157	443	3.54	100.0	182	32
100.0	80.0	30	01.0	120	06.3	AX	66	10	15	0137	131	468	2.80	100.0	483	93
103.0	29.0	31	06.9	116	20.9	AX	66	10	16	0750	12	73	1.59	100.0	3	70
103.0	30.0	31	06.0	116	24.5	AX	66	10	16	0823	58	188	3.08	100.0	5	17
103.0	35.0	30	55.5	116	45.2	AX	66	10	16	1116	154	400	3.86	100.0	6	3
103.0	40.0	30	46.6	117	05.5	AX	66	10	16	1355	157	407	3.87	100.0	25	3
103.0	45.0	30	35.5	117	24.7	AX	66	10	16	1623	150	438	3.43	100.0	12	1
103.0	50.0	30	24.8	117	44.6	AX	66	10	16	1846	152	430	3.52	100.0	54	3
103.0	60.0	30	05.6	118	24.2	AX	66	10	16	2331	142	451	3.14	100.0	14	3
103.0	65.0	29	55.9	118	43.8	AX	66	10	17	0140	146	423	3.45	100.0	77	9
103.0	70.0	29	46.5	119	04.0	AX	66	10	17	0405	436	468	2.90	100.0	384	28
107.0	31.0	30	27.8	116	08.0	AX	66	10	18	0416	30	129	2.32	100.0	23	27
107.0	32.0	30	25.6	116	10.9	AX	66	10	18	0334	142	432	3.28	100.0	13	7
107.0	35.0	30	22.6	116	21.3	AX	66	10	18	0149	122	483	2.53	100.0	32	4
107.0	40.0	30	10.7	116	42.8	AX	66	10	17	2311	144	452	3.18	100.0	29	4
107.0	45.0	30	00.4	117	01.5	AX	66	10	17	2036	145	440	3.29	100.0	67	2
107.0	50.0	29	49.5	117	21.0	AX	66	10	17	1806	147	447	3.30	100.0	58	4
107.0	55.0	29	39.8	117	41.2	AX	66	10	17	1538	156	410	3.80	100.0	16	33
107.0	60.0	29	30.5	118	01.2	AX	66	10	17	1315	153	430	3.57	100.0	8	20

TABLE 1. (cont.)

CalCOFI Cruise 6610

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	65.0	29 22.1	118 20.8	AX	66 10 17	1046	151	416	3.62	100.0	28	53
107.0	70.0	29 11.2	118 41.1	AX	66 10 17	0816	146	441	3.31	100.0	161	70
110.0	32.0	29 52.2	115 47.8	AX	66 10 18	0823	9	76	1.24	100.0	10	22
110.0	35.0	29 45.6	116 00.7	AX	66 10 18	0951	151	442	3.41	100.0	15	0
110.0	40.0	29 35.4	116 20.0	AX	66 10 18	1206	146	434	3.38	100.0	72	2
110.0	45.0	29 26.2	116 39.4	AX	66 10 18	1412	145	452	3.20	100.0	88	4
110.0	50.0	29 17.5	116 58.5	AX	66 10 18	1634	143	453	3.15	100.0	10	19
110.0	55.0	29 06.9	117 19.2	AX	66 10 18	1901	148	444	3.34	100.0	25	34
110.0	60.0	28 55.2	117 38.2	AX	66 10 18	2121	142	454	3.12	100.0	196	201
110.0	65.0	28 43.2	117 58.0	AX	66 10 18	2346	142	428	3.53	100.0	395	123
110.0	70.0	28 36.5	118 17.2	AX	66 10 19	0202	148	436	3.40	100.0	428	28
113.0	29.0	29 24.2	115 13.2	AX	66 10 20	0238	12	70	1.74	100.0	46	7
113.0	30.0	29 22.2	115 18.2	AX	66 10 20	0144	57	213	2.66	100.0	37	9
113.0	35.0	29 11.8	115 38.3	AX	66 10 19	2236	141	441	3.20	100.0	25	0
113.0	40.0	29 01.8	115 56.5	AX	66 10 19	2016	143	438	3.26	100.0	66	11
113.0	45.0	28 53.5	116 17.0	AX	66 10 19	1759	134	462	2.91	100.0	427	244
113.0	50.0	28 43.0	116 36.5	AX	66 10 19	1551	142	448	3.18	100.0	59	37
113.0	55.0	28 32.0	116 56.6	AX	66 10 19	1322	142	445	3.20	100.0	66	54
113.0	60.0	28 22.6	118 15.0	AX	66 10 19	1106	143	444	3.23	100.0	243	104
113.0	65.0	28 12.5	117 35.3	AX	66 10 19	0830	138	460	3.00	100.0	190	117
113.0	70.0	28 01.0	117 52.5	AX	66 10 19	0606	133	474	2.81	100.0	259	608
117.0	25.0	28 58.0	114 36.5	AX	66 10 20	0924	17	94	1.79	100.0	5	37
117.0	26.0	28 56.0	114 41.4	AX	66 10 20	0838	60	223	2.67	100.0	5	40
117.0	30.0	28 48.0	114 56.5	AX	66 10 20	0647	90	294	3.06	100.0	21	80
117.0	35.0	28 38.0	115 15.6	AX	66 10 22	0321	126	514	2.45	100.0	119	31
117.0	40.0	28 28.0	115 35.5	AX	66 10 22	0546	135	469	2.89	100.0	219	18
117.0	45.0	28 17.3	115 56.0	AX	66 10 22	0809	133	478	2.79	100.0	88	11
117.0	50.0	28 08.2	116 15.0	AX	66 10 22	1020	135	474	2.85	100.0	159	3
117.0	55.0	27 57.6	116 36.0	AX	66 10 22	1239	144	445	3.23	100.0	128	42
117.0	60.0	27 48.0	116 53.0	AX	66 10 22	1444	146	455	3.21	100.0	15	7
117.0	65.0	27 38.0	117 13.0	AX	66 10 22	1656	142	461	3.09	100.0	86	23
117.0	70.0	27 27.5	117 33.0	AX	66 10 22	1923	144	460	3.13	100.0	210	94
118.0	39.0	28 18.7	115 24.0	AX	66 10 21	0618	127	475	2.67	100.0	34	58
119.0	33.0	28 19.0	114 52.8	AX	66 10 20	2317	100	330	3.03	100.0	40	306
120.0	24.0	28 23.8	114 11.5	AX	66 10 20	1819	25	115	2.19	100.0	165	266
120.0	25.0	28 22.3	114 15.0	AX	66 10 20	1858	47	179	2.64	100.0	107	207
120.0	30.0	28 13.0	114 26.2	AX	66 10 20	2107	83	293	2.82	100.0	32	478
120.0	35.0	28 02.9	114 54.0	AX	66 10 21	0113	67	258	2.59	100.0	268	620
120.0	40.0	27 56.7	115 14.0	AX	66 10 21	0324	29	148	1.99	100.0	212	115
120.0	45.0	27 42.0	115 32.1	AX	66 10 23	1137	139	423	3.30	100.0	59	77
120.0	50.0	27 38.6	115 54.8	AX	66 10 23	0909	143	445	3.22	100.0	22	18
120.0	55.0	27 28.5	116 12.2	AX	66 10 23	0652	145	446	3.25	100.0	4	7
120.0	65.0	27 06.0	116 51.0	AX	66 10 23	0153	142	448	3.16	100.0	60	33
120.0	70.0	26 55.0	117 11.0	AX	66 10 22	2329	146	445	3.28	100.0	42	20
123.0	36.0	27 25.5	114 36.0	AX	66 10 23	1644	28	145	1.92	100.0	126	250

TABLE 1. (cont.)

CalCOFI Cruise 6610

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
123.0	37.0	27 23.8	114 40.0	AX	66 10 23	1723	65	205	3.16	100.0	18	603
123.0	42.0	27 14.0	114 59.0	AX	66 10 23	1942	139	453	3.08	100.0	213	25
123.0	45.0	27 08.0	115 11.0	AX	66 10 23	2130	130	479	2.72	100.0	432	84
123.0	50.0	26 57.5	115 29.3	AX	66 10 23	2355	136	451	3.01	100.0	409	68
123.0	55.0	26 47.0	115 48.4	AX	66 10 24	0216	137	445	3.08	100.0	416	269
123.0	60.0	26 37.0	116 06.5	AX	66 10 24	0441	137	469	2.92	100.0	439	73
127.0	33.0	26 57.3	114 02.3	AX	66 10 24	2153	52	197	2.67	100.0	329	207
127.0	34.0	26 55.3	114 06.3	AX	66 10 24	2108	66	241	2.76	100.0	73	287
127.0	40.0	26 42.8	114 28.8	AX	66 10 24	1820	140	448	3.12	100.0	62	25
127.0	45.0	26 32.7	114 48.7	AX	66 10 24	1556	140	460	3.02	100.0	33	56
127.0	50.0	26 23.5	115 07.8	AX	66 10 24	1336	130	478	2.71	100.0	78	17
127.0	55.0	26 14.7	115 34.9	AX	66 10 24	1038	135	430	3.14	100.0	40	38
127.0	60.0	26 07.0	115 48.3	AX	66 10 24	0820	130	475	2.73	100.0	48	72
130.0	28.0	26 32.2	113 21.0	AX	66 10 25	0216	44	190	2.31	100.0	96	186
130.0	30.0	26 29.0	113 29.0	AX	66 10 25	0338	65	243	2.68	100.0	47	202
130.0	35.0	26 19.0	113 48.2	AX	66 10 25	0616	126	491	2.56	100.0	27	28
130.0	40.0	26 08.7	114 08.7	AX	66 10 25	0841	120	448	2.41	100.0	12	5
130.0	45.0	25 58.7	114 28.5	AX	66 10 25	1246	137	466	2.94	100.0	23	70
130.0	50.0	25 49.0	114 47.3	AX	66 10 25	1456	137	467	2.93	100.0	14	176
130.0	55.0	25 37.9	115 08.5	AX	66 10 25	1711	139	497	2.79	100.0	39	52
130.0	60.0	25 29.0	115 24.0	AX	66 10 25	1919	140	500	2.79	100.0	190	29
133.0	23.0	26 08.5	112 40.0	AX	66 10 26	1809	57	244	2.33	100.0	92	212
133.0	25.0	26 04.8	112 48.0	AX	66 10 26	1708	67	267	2.52	100.0	102	139
133.0	30.0	25 54.8	113 06.0	AX	66 10 26	1446	138	488	2.82	100.0	32	0
133.0	35.0	25 43.4	113 26.0	AX	66 10 26	1226	145	447	3.04	100.0	33	28
133.0	40.0	25 33.0	113 45.3	AX	66 10 26	1006	143	473	3.02	100.0	11	1209
133.0	45.0	25 24.2	114 05.0	AX	66 10 26	0745	135	488	2.76	100.0	20	21
133.0	50.0	25 15.8	114 31.0	AX	66 10 26	0420	132	494	2.68	100.0	62	49
133.0	55.0	25 05.8	114 47.6	AX	66 10 26	0201	133	509	2.62	100.0	59	17
133.0	60.0	24 55.2	115 05.0	AX	66 10 25	2341	134	503	2.66	100.0	72	16
137.0	22.0	25 36.0	112 14.8	AX	66 10 26	2218	45	198	2.27	100.0	81	586
137.0	23.0	25 33.6	112 18.7	AX	66 10 26	2259	54	257	2.09	100.0	50	267
137.0	30.0	25 18.8	112 44.7	AX	66 10 27	0156	131	498	2.63	100.0	17	2
137.0	35.0	25 08.2	113 03.2	AX	66 10 27	0406	127	517	2.45	100.0	88	170
137.0	40.0	25 00.0	113 23.3	AX	66 10 27	0634	131	507	2.58	100.0	19	5
137.0	45.0	24 50.5	113 39.6	AX	66 10 27	0850	137	480	2.85	100.0	31	594
137.0	50.0	24 40.8	113 58.8	AX	66 10 27	1114	136	493	2.76	100.0	23	4
137.0	55.0	24 30.2	114 20.0	AX	66 10 27	1321	140	491	2.86	100.0	13	24
137.0	60.0	24 20.0	114 39.5	AX	66 10 27	1526	133	487	2.73	100.0	43	214

TABLE 1. (cont.)

CalCOFI Cruise 6611

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	35.0	32	05.5	117	27.5	JD	66	11	02	1656	138	490	2.81	100.0	6	2
97.0	45.0	31	46.0	118	08.5	JD	66	11	22	1451	138	467	2.95	100.0	5	2
100.0	35.0	31	30.5	117	07.0	JD	66	11	02	2036	141	472	2.98	100.0	9	6
100.0	45.0	31	10.5	117	46.5	JD	66	11	22	1045	134	472	2.84	100.0	4	1
103.0	35.0	30	56.0	116	45.0	JD	66	11	03	0046	141	444	3.17	100.0	39	3
103.0	45.0	30	38.0	117	20.0	JD	66	11	22	0701	138	462	2.99	100.0	5	8
107.0	35.0	30	21.5	116	22.5	JD	66	11	03	0446	134	461	2.91	100.0	8	2
107.0	45.0	30	03.0	116	59.0	JD	66	11	22	0236	140	465	3.01	100.0	52	2
110.0	35.0	29	46.0	116	00.0	JD	66	11	03	0851	142	449	3.17	100.0	9	2
110.0	45.0	29	27.0	116	37.5	JD	66	11	21	2031	139	478	2.92	100.0	7	3
113.0	30.0	29	22.0	115	18.0	JD	66	11	03	1318	56	205	2.76	100.0	8	25
113.0	35.0	29	11.5	115	38.0	JD	66	11	03	1531	145	444	3.26	100.0	14	0
113.0	45.0	28	52.0	116	18.0	JD	66	11	21	1806	134	482	2.78	100.0	50	18
117.0	26.0	28	56.0	114	41.5	JD	66	11	03	2328	69	225	2.70	100.0	30	54
117.0	30.0	28	48.0	114	56.5	JD	66	11	03	2147	87	318	2.74	100.0	31	59
117.0	35.0	28	38.0	115	16.0	JD	66	11	03	1920	132	490	2.70	100.0	58	11
117.0	45.0	28	18.0	115	56.0	JD	66	11	21	1241	133	486	2.74	100.0	18	3
119.0	33.0	28	19.0	114	53.0	JD	66	11	04	0727	105	364	2.87	100.0	36	347
120.0	25.0	28	22.5	114	15.0	JD	66	11	04	0328	48	182	2.62	100.0	1322	180
120.0	30.0	28	13.0	114	34.0	JD	66	11	04	0523	72	274	2.62	100.0	41	148
120.0	35.0	28	03.0	114	51.0	JD	66	11	04	0918	84	306	2.77	100.0	30	262
120.0	45.0	27	43.0	115	30.0	JD	66	11	19	0826	137	456	2.99	100.0	1	1
123.0	37.0	27	24.0	114	40.0	JD	66	11	06	0833	72	242	2.97	100.0	80	519
123.0	40.0	27	18.0	114	52.0	JD	66	11	06	0626	140	493	2.85	100.0	1	4
123.0	50.0	27	00.0	115	26.0	JD	66	11	06	0016	144	471	3.05	100.0	66	15
123.0	60.0	26	46.0	115	48.0	JD	66	11	04	1841	149	459	3.24	100.0	116	94
125.0	35.5	27	04.0	114	21.3	JD	66	11	06	1128	69	249	2.78	100.0	9	134
127.0	34.0	26	55.0	114	06.0	JD	66	11	06	1333	71	238	2.97	100.0	13	103
127.0	40.0	26	43.5	114	29.0	JD	66	11	06	1741	152	462	3.30	100.0	5	3
127.0	50.0	26	25.0	115	01.8	JD	66	11	19	1130	137	490	2.80	100.0	107	11
127.0	50.0	26	19.0	115	13.0	JD	66	11	06	2330	138	468	2.95	100.0	0	2
127.0	60.0	25	57.0	115	52.0	JD	66	11	07	0643	145	457	3.17	100.0	44	179
130.0	30.0	26	23.8	113	25.0	JD	66	11	08	0823	64	167	3.81	100.0	9	202
130.0	35.0	26	16.0	113	46.0	JD	66	11	08	0529	145	446	3.26	100.0	15	44
130.0	40.0	26	08.0	114	06.8	JD	66	11	08	0036	145	467	3.11	100.0	45	182
130.0	50.0	25	48.0	114	44.0	JD	66	11	07	1833	141	460	3.06	100.0	45	297
130.0	60.0	25	24.0	115	30.0	JD	66	11	07	1206	140	465	3.01	100.0	10	30
131.5	37.5	26	15.0	113	10.0	JD	66	11	08	1058	68	250	2.71	100.0	76	127
133.0	25.0	26	04.5	112	48.0	JD	66	11	08	1313	77	269	2.87	100.0	77	154
133.0	30.0	25	54.5	113	07.5	JD	66	11	08	1652	141	454	3.10	100.0	14	2
133.0	40.0	25	34.5	113	45.5	JD	66	11	08	2235	140	436	3.22	100.0	9	8
133.0	50.0	25	14.5	114	24.0	JD	66	11	09	0651	142	472	3.00	100.0	6	14
133.0	60.0	24	57.5	115	02.0	JD	66	11	09	1211	143	460	3.10	100.0	7	85
137.0	23.0	25	34.0	112	19.0	JD	66	11	10	1936	71	253	2.79	100.0	134	305
137.0	30.0	25	20.0	112	46.0	JD	66	11	10	1632	140	454	3.09	100.0	3	0

TABLE 1. (cont.)

CalCOFI Cruise 6611

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
137.0	35.0	25	12.0	113	03.5	JD	66	11	10	1221	140	430	3.27	100.0	5	6
137.0	40.0	25	05.5	113	22.0	JD	66	11	10	0755	143	448	3.18	100.0	20	15
137.0	50.0	24	40.0	114	02.5	JD	66	11	09	0041	137	475	2.89	100.0	110	167
137.0	60.0	24	20.0	114	39.5	JD	66	11	09	1852	142	480	2.96	100.0	37	36
140.0	30.0	24	45.5	112	24.0	JD	66	11	11	0027	83	295	2.81	100.0	35	367
140.0	35.0	24	35.5	112	42.5	JD	66	11	11	0544	134	469	2.86	100.0	0	3
140.0	40.0	24	24.8	113	01.5	JD	66	11	11	0821	135	454	2.97	100.0	1	6
140.0	45.0	24	14.1	113	19.5	JD	66	11	11	1216	143	456	3.13	100.0	6	8
140.0	50.0	24	05.5	113	39.5	JD	66	11	11	1639	145	450	3.22	100.0	2	73
140.0	60.0	23	44.0	114	17.0	JD	66	11	11	2201	142	464	3.06	100.0	157	6
143.0	26.0	24	19.0	111	48.0	JD	66	11	13	0554	48	193	2.51	100.0	74	71
143.0	30.0	24	11.0	112	04.0	JD	66	11	13	0316	137	468	2.94	100.0	55	3
143.0	35.0	24	01.3	112	18.0	JD	66	11	12	2240	138	463	2.98	100.0	5	2204
143.0	40.0	26	50.5	112	41.0	JD	66	11	12	1846	138	452	3.06	100.0	43	9
143.0	50.0	23	28.1	113	16.0	JD	66	11	12	1211	137	469	2.91	100.0	51	3
143.0	60.0	23	08.0	113	54.0	JD	66	11	12	0526	142	448	3.16	100.0	37	7
144.5	23.0	24	06.5	111	26.0	JD	66	11	13	1327	106	360	2.93	100.0	13	27
147.0	20.0	23	56.0	111	03.5	JD	66	11	13	1646	137	434	3.15	100.0	36	159
147.0	25.0	23	46.0	111	22.0	JD	66	11	13	1946	137	455	3.00	100.0	74	8
147.0	30.0	23	35.5	111	41.5	JD	66	11	13	2321	138	443	3.11	100.0	56	147
147.0	40.0	23	15.0	112	17.5	JD	66	11	14	0531	142	430	3.29	100.0	5	10
147.0	50.0	22	53.0	113	00.0	JD	66	11	14	1201	137	459	2.98	100.0	25	13
147.0	60.0	22	32.5	113	31.5	JD	66	11	14	1846	140	457	3.05	100.0	115	14
150.0	19.0	23	21.0	110	35.0	JD	66	11	15	2340	123	535	2.31	100.0	95	1751
150.0	25.0	23	10.0	111	00.0	JD	66	11	15	2051	142	475	2.98	100.0	35	561
150.0	30.0	23	01.0	111	19.0	JD	66	11	15	1724	143	456	3.13	100.0	34	10
150.0	40.0	22	41.5	111	56.5	JD	66	11	15	1156	141	438	3.22	100.0	6	6
150.0	50.0	22	25.0	112	31.5	JD	66	11	15	0703	138	463	2.97	100.0	31	16
150.0	60.0	22	02.0	113	12.0	JD	66	11	13	2355	140	454	3.08	100.0	97	67
153.0	16.0	22	55.0	110	07.5	JD	66	11	16	0735	141	459	3.07	100.0	14	188
153.0	20.0	22	47.0	110	22.0	JD	66	11	16	0506	137	461	2.98	100.0	95	65
153.0	30.0	22	25.5	110	53.5	JD	66	11	17	0555	138	456	3.02	100.0	7	20
153.0	40.0	22	06.5	111	36.0	JD	66	11	17	1211	139	477	2.91	100.0	30	6
153.0	50.0	21	45.0	112	10.0	JD	66	11	17	1847	137	469	2.91	100.0	121	20
153.0	60.0	21	27.0	112	47.0	JD	66	11	18	0031	140	460	3.05	100.0	345	12

TABLE 1. (cont.)

CalCOFI Cruise 6612

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.5	JD	66	12	16	0946	35	142	2.44	100.0	83	55
60.0	52.0	37	54.0	123	01.7	JD	66	12	16	1045	67	262	2.55	100.0	17	129
60.0	55.0	37	47.0	123	15.0	JD	66	12	16	1242	96	363	2.64	100.0	69	43
60.0	60.0	37	40.2	123	37.0	JD	66	12	16	1446	139	509	2.73	100.0	26	49
60.0	70.0	37	19.0	124	17.5	JD	66	12	16	1926	144	482	2.97	100.0	33	43
60.0	80.0	36	56.5	123	04.0	JD	66	12	17	0016	137	458	2.99	100.0	14	25
60.0	90.0	36	35.0	125	51.0	JD	66	12	17	0506	137	564	2.42	100.0	10	16
63.0	50.0	37	23.3	122	27.8	JD	66	12	16	0537	20	95	2.16	100.0	155	1778
63.0	52.0	37	19.0	122	36.0	JD	66	12	16	0404	73	301	2.43	100.0	136	1072
63.0	55.0	37	13.0	122	50.0	JD	66	12	16	0206	134	534	2.51	100.0	26	8
63.0	60.0	37	01.7	123	16.0	JD	66	12	15	0252	139	451	3.07	100.0	52	34
63.0	70.0	36	42.5	123	55.0	JD	66	12	14	2157	136	442	3.07	100.0	18	6
67.0	48.0	36	52.9	121	56.0	JD	66	12	14	0444	26	105	2.50	100.0	42	68
67.0	50.0	36	49.0	122	05.0	JD	66	12	14	0542	94	327	2.87	100.0	41	19
67.0	55.0	36	39.0	122	26.0	JD	66	12	14	0811	132	452	2.92	100.0	24	68
67.0	60.0	36	31.0	122	46.5	JD	66	12	14	1120	136	445	3.05	100.0	25	60
67.0	70.0	36	08.0	123	29.5	JD	66	12	14	1651	133	459	2.90	100.0	33	17
70.0	51.0	36	11.3	121	43.9	JD	66	12	13	2346	112	405	2.77	100.0	44	20
70.0	53.0	36	06.5	121	54.0	JD	66	12	13	2121	135	447	3.02	100.0	8	4
70.0	60.0	35	53.0	122	22.5	JD	66	12	13	1739	141	413	3.41	100.0	20	56
70.0	70.0	35	33.0	123	06.0	JD	66	12	13	1251	137	449	3.05	100.0	9	17
70.0	80.0	35	13.8	123	51.8	JD	66	12	13	0716	136	471	2.89	100.0	5	12
70.0	90.0	34	53.0	124	30.0	JD	66	12	13	0300	140	456	3.06	100.0	27	19
73.0	50.0	35	37.0	121	17.0	JD	66	12	12	0701	97	328	2.96	100.0	41	6
73.0	53.0	35	31.5	121	28.5	JD	66	12	12	0825	16	451	3.01	100.0	3	4
73.0	60.0	35	18.6	121	56.0	JD	66	12	12	1156	136	466	2.91	100.0	0	11
73.0	70.0	34	58.0	122	40.0	JD	66	12	12	1706	143	457	3.13	100.0	2	32
77.0	48.0	33	08.3	120	43.7	JD	66	12	12	0310	13	67	1.92	100.0	15	94
77.0	51.0	35	02.0	120	56.5	JD	66	12	12	0056	133	456	2.92	100.0	125	36
77.0	55.0	34	54.5	121	13.0	JD	66	12	11	2216	134	443	3.01	100.0	26	17
77.0	60.0	34	44.0	121	34.0	JD	66	12	11	1924	134	459	2.92	100.0	6	2
77.0	70.0	34	24.2	122	16.0	JD	66	12	11	1436	136	458	2.96	100.0	8	11
80.0	51.0	34	26.0	120	32.5	JD	66	12	10	0917	97	322	3.01	100.0	41	143
80.0	52.0	34	24.3	120	36.5	JD	66	12	10	1001	136	442	3.08	100.0	64	300
80.0	55.0	34	19.0	120	48.0	JD	66	12	10	1154	140	434	3.22	100.0	21	62
80.0	60.0	34	09.0	121	09.0	JD	66	12	10	1531	138	455	3.04	100.0	8	12
80.0	65.0	33	59.0	121	30.0	JD	66	12	10	1818	141	461	3.05	100.0	3	5
80.0	70.0	33	48.5	121	51.0	JD	66	12	10	2036	141	434	3.26	100.0	22	8
80.0	80.0	33	28.0	122	31.0	JD	66	12	11	0117	139	441	3.14	100.0	4	6
80.0	90.0	33	09.0	123	13.0	JD	66	12	11	0554	140	462	3.02	100.0	16	8
82.0	47.0	34	15.0	119	59.0	JD	66	12	10	0632	138	467	2.97	100.0	90	222
83.0	40.0	34	14.0	119	22.0	JD	66	12	10	0228	13	66	1.99	100.0	26	298
83.0	43.0	34	08.0	119	34.0	JD	66	12	10	0031	139	436	3.18	100.0	160	710
83.0	51.0	33	52.0	120	07.5	JD	66	12	09	2037	112	393	2.86	100.0	75	279
83.0	55.0	33	45.0	120	21.0	JD	66	12	09	1821	138	443	3.11	100.0	37	106

TABLE 1. (cont.)

CalCOFI Cruise 6612

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	60.0	33 33.0	120 45.2	JD	66 12 09	1445	140	425	3.28	100.0	1	10
83.0	65.0	33 24.0	121 06.0	JD	66 12 09	1241	143	437	3.27	100.0	4	17
83.0	70.0	33 14.5	121 26.0	JD	66 12 09	0951	136	463	2.93	100.0	4	1
83.0	80.0	32 54.0	122 08.0	JD	66 12 09	0452	147	426	3.45	100.0	1	1
87.0	33.0	33 54.2	118 29.4	JD	66 12 07	1811	44	143	3.05	100.0	72	364
87.0	35.0	33 50.0	118 37.5	JD	66 12 07	1921	123	493	2.50	100.0	160	92
87.0	40.0	33 40.0	118 58.0	JD	66 12 07	2301	150	411	3.65	100.0	109	1175
87.0	45.0	33 30.0	119 19.0	JD	66 12 08	0231	137	464	2.96	100.0	34	1990
87.0	50.0	33 20.0	119 39.5	JD	66 12 08	0616	60	292	2.06	100.0	35	19
87.0	55.0	33 14.0	120 00.0	JD	66 12 08	0926	143	436	3.27	100.0	5	12
87.0	60.0	33 04.0	120 19.0	JD	66 12 08	1154	143	417	3.42	100.0	3	7
87.0	65.0	32 49.5	120 41.5	JD	66 12 08	1613	146	443	3.29	100.0	3	2
87.0	70.0	32 39.5	121 02.0	JD	66 12 08	1836	142	474	3.00	100.0	12	8
87.0	80.0	32 19.5	121 43.0	JD	66 12 08	2345	137	462	2.96	100.0	11	9
90.0	28.0	33 28.5	117 46.7	JD	66 12 07	0021	142	432	3.29	100.0	138	47
90.0	32.0	33 20.5	118 01.5	JD	66 12 06	2146	140	437	3.20	100.0	80	343
90.0	37.0	33 11.0	118 22.5	JD	66 12 06	1821	136	431	3.14	100.0	23	147
90.0	45.0	32 54.5	118 55.5	JD	66 12 06	1421	140	430	3.25	100.0	32	23
90.0	53.0	32 41.0	119 28.8	JD	66 12 06	0941	139	435	3.21	100.0	9	46
90.0	60.0	32 25.5	119 57.6	JD	66 12 06	0604	132	468	2.83	100.0	5	5
90.0	65.0	32 14.5	120 18.0	JD	66 12 06	0406	138	453	3.04	100.0	21	4
90.0	70.0	32 01.0	120 39.0	JD	66 12 06	0046	140	428	3.26	100.0	33	4
90.0	80.0	31 44.5	121 19.5	JD	66 12 05	1951	141	465	3.02	100.0	41	3
90.0	90.0	31 23.0	122 01.0	JD	66 12 05	1449	141	441	3.20	100.0	7	14
90.0	97.0	31 09.8	122 26.0	JD	66 12 05	1116	128	506	2.53	100.0	18	20
90.0	110.0	30 45.5	123 15.0	JD	66 12 05	0501	137	445	3.08	100.0	33	11
90.0	120.0	30 26.0	123 55.0	JD	66 12 04	2305	139	441	3.15	100.0	39	113
90.0	130.0	30 05.0	124 36.3	JD	66 12 04	1816	138	453	3.03	100.0	78	25
90.0	140.0	29 45.0	125 17.0	JD	66 12 04	1346	140	448	3.12	100.0	20	14
93.0	27.0	32 56.0	117 19.0	JD	66 12 01	1902	104	337	3.09	100.0	111	61
93.0	28.0	32 54.7	117 21.8	JD	66 12 01	2045	137	423	3.23	100.0	166	182
93.0	30.0	32 50.5	117 31.0	JD	66 12 01	2241	141	446	3.15	100.0	16	2
93.0	35.0	32 41.0	117 51.0	JD	66 12 02	0036	137	451	3.04	100.0	56	11
93.0	40.0	32 30.0	118 11.5	JD	66 12 02	0256	140	414	3.38	100.0	16	18
93.0	45.0	32 17.0	118 38.0	JD	66 12 02	0616	139	435	3.19	100.0	8	4
93.0	50.0	32 10.0	118 51.5	JD	66 12 02	0851	135	441	3.05	100.0	5	9
93.0	55.0	31 56.0	119 10.0	JD	66 12 02	1112	139	428	3.24	100.0	4	7
93.0	60.0	31 54.0	119 38.0	JD	66 12 02	1336	136	408	3.34	100.0	3	4
93.0	65.0	31 55.0	119 37.0	JD	66 12 02	1716	143	403	3.54	100.0	14	9
93.0	70.0	31 30.0	120 12.0	JD	66 12 02	1941	142	435	3.27	100.0	43	20
93.0	80.0	31 08.0	120 54.0	JD	66 12 03	0050	140	432	3.25	100.0	45	11
93.0	90.0	30 48.0	121 34.0	JD	66 12 03	0636	135	515	2.63	100.0	19	29
93.0	100.0	30 33.0	122 11.0	JD	66 12 03	1121	134	472	2.84	100.0	11	9
93.0	110.0	30 09.5	122 55.0	JD	66 12 03	1705	142	435	3.26	100.0	15	15
93.0	120.0	29 49.5	123 33.5	JD	66 12 03	2206	139	432	3.22	100.0	110	49

TABLE 1. (cont.)

CalCOFI Cruise 6612

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	130.0	29 28.5	124 11.5	JD	66 12 04	0326	130	499	2.60	100.0	56	25
94.0	139.0	29 09.0	124 47.0	JD	66 12 04	0818	134	447	3.00	100.0	31	35
97.0	29.0	32 17.3	117 04.8	AX	66 12 02	1704	33	155	2.16	100.0	17	88
97.0	30.0	32 15.8	117 07.3	AX	66 12 02	1739	31	158	1.97	100.0	24	21
97.0	32.0	32 11.9	117 15.5	AX	66 12 02	1851	133	542	2.45	100.0	268	52
97.0	35.0	32 05.5	117 28.2	AX	66 12 02	2121	137	540	2.54	100.0	12	4
97.0	40.0	31 56.0	117 48.0	AX	66 12 03	0114	141	505	2.78	100.0	16	3
97.0	45.0	31 45.0	118 08.0	AX	66 12 03	0406	136	535	2.54	100.0	43	3
97.0	50.0	31 33.0	118 30.5	AX	66 12 03	0741	140	513	2.73	100.0	23	7
97.0	55.0	31 24.0	118 49.0	AX	66 12 03	1021	132	536	2.46	100.0	11	5
97.0	60.0	31 14.0	119 08.7	AX	66 12 03	1356	137	529	2.59	100.0	15	6
97.0	65.0	31 10.0	119 30.0	AX	66 12 03	1711	137	520	2.64	100.0	5	2
97.0	70.0	30 55.0	119 50.5	AX	66 12 03	2059	145	535	2.70	100.0	35	4
97.0	80.0	30 34.0	120 32.3	AX	66 12 04	0246	143	521	2.73	100.0	37	6
100.0	29.0	31 42.2	116 43.7	AX	66 12 05	1412	94	325	2.88	100.0	3	38
100.0	30.0	31 40.6	116 46.6	AX	66 12 05	1331	139	507	2.73	100.0	117	36
100.0	35.0	31 28.1	117 08.0	AX	66 12 05	1016	137	556	2.47	100.0	9	13
100.0	40.0	31 19.0	117 27.3	AX	66 12 05	0646	137	558	2.45	100.0	6	1
100.0	45.0	31 05.8	117 44.7	AX	66 12 05	0334	139	510	2.73	100.0	9	2
100.0	50.0	30 56.5	118 06.2	AX	66 12 04	0116	142	510	2.78	100.0	31	2
100.0	55.0	30 46.8	118 27.0	AX	66 12 04	2146	141	613	2.30	100.0	24	5
100.0	60.0	30 38.0	118 47.2	AX	66 12 04	1846	139	530	2.62	100.0	13	4
100.0	65.0	30 29.5	119 07.2	AX	66 12 04	1551	140	535	2.61	100.0	1	2
100.0	70.0	30 20.0	119 27.7	AX	66 12 04	1333	149	500	2.97	100.0	8	5
100.0	80.0	29 58.3	120 10.8	AX	66 12 04	0746	144	514	2.80	100.0	11	33
103.0	29.0	31 07.7	116 21.5	AX	66 12 05	1844	14	130	1.06	100.0	66	33
103.0	30.0	31 06.0	116 24.3	AX	66 12 05	1926	28	142	1.94	100.0	154	33
103.0	35.0	30 55.7	116 44.8	AX	66 12 05	2251	131	511	2.55	100.0	45	4
103.0	40.0	30 46.2	117 04.7	AX	66 12 06	0236	131	520	2.52	100.0	2	14
103.0	45.0	30 37.0	117 24.4	AX	66 12 06	0501	135	521	2.58	100.0	6	11
103.0	50.0	30 27.5	117 44.0	AX	66 12 06	0816	139	515	2.70	100.0	1	4
103.0	55.0	30 16.0	118 04.8	AX	66 12 06	1101	140	514	2.72	100.0	4	4
103.0	60.0	30 05.0	118 23.6	AX	66 12 06	1428	138	548	2.52	100.0	5	8
103.0	65.0	29 55.8	118 45.0	AX	66 12 06	1711	135	529	2.55	100.0	13	2
103.0	70.0	29 44.5	119 05.5	AX	66 12 06	2126	137	523	2.62	100.0	32	6
103.0	80.0	29 23.2	119 44.5	AX	66 12 07	0426	140	520	2.69	100.0	229	62
107.0	31.0	30 27.8	116 07.0	AX	66 12 08	1719	27	108	2.51	100.0	37	642
107.0	32.0	30 25.8	116 10.7	AX	66 12 08	1626	143	508	2.82	100.0	26	29
107.0	35.0	30 21.5	116 22.3	AX	66 12 08	1401	139	505	2.75	100.0	16	2
107.0	40.0	30 07.2	116 39.2	AX	66 12 08	1006	142	567	2.51	100.0	7	1
107.0	45.0	29 59.2	117 01.0	AX	66 12 08	0621	134	567	2.36	100.0	4	2
107.0	50.0	29 50.8	117 22.0	AX	66 12 08	0351	118	622	1.89	100.0	48	2
107.0	55.0	29 42.0	117 41.7	AX	66 12 07	2351	118	567	2.08	100.0	40	2
107.0	60.0	29 31.2	118 01.8	AX	66 12 07	2058	141	508	2.77	100.0	27	4
107.0	65.0	29 21.5	118 21.5	AX	66 12 07	1722	140	500	2.80	100.0	19	14

TABLE 1. (cont.)

CalCOFI Cruise 6612

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	70.0	29 11.3	118 41.0	AX	66 12 07	1453	135	528	2.55	100.0	9	8
107.0	80.0	28 53.2	119 20.3	AX	66 12 07	0931	144	486	2.96	100.0	110	46
110.0	32.0	29 52.0	115 48.5	AX	66 12 08	2114	20	91	2.20	100.0	45	178
110.0	35.0	29 46.0	116 00.2	AX	66 12 08	2321	145	480	3.02	100.0	24	13
110.0	40.0	29 36.0	116 19.3	AX	66 12 09	0242	143	498	2.88	100.0	114	5
110.0	45.0	29 26.3	116 36.2	AX	66 12 09	0458	139	504	2.75	100.0	33	5
110.0	50.0	29 16.2	116 59.0	AX	66 12 09	0816	146	493	2.95	100.0	5	0
110.0	55.0	29 06.0	117 18.2	AX	66 12 09	1036	132	524	2.52	100.0	4	1
110.0	60.0	28 56.5	117 38.6	AX	66 12 09	1346	138	520	2.65	100.0	14	7
110.0	65.0	28 46.2	117 58.0	AX	66 12 09	1601	140	494	2.84	100.0	15	7
110.0	70.0	28 36.1	118 18.0	AX	66 12 09	1909	141	485	2.91	100.0	15	40
110.0	80.0	28 14.8	118 55.5	AX	66 12 10	0001	143	475	3.01	100.0	204	99
113.0	29.0	29 24.2	115 13.5	AX	66 12 11	0954	23	138	1.67	100.0	56	39
113.0	30.0	29 21.8	115 18.0	AX	66 12 11	0903	52	239	2.15	100.0	80	5
113.0	35.0	29 11.5	115 37.5	AX	66 12 11	0626	127	549	2.32	100.0	17	0
113.0	40.0	29 00.5	115 56.0	AX	66 12 11	0339	128	540	2.37	100.0	127	4
113.0	45.0	28 51.0	116 16.0	AX	66 12 11	0026	128	521	2.46	100.0	99	2
113.0	50.0	28 41.7	116 37.0	AX	66 12 10	2151	135	516	2.62	100.0	53	3
113.0	55.0	28 33.0	116 57.3	AX	66 12 10	1828	136	491	2.76	100.0	22	21
113.0	60.0	28 22.1	117 15.4	AX	66 12 10	1609	142	505	2.80	100.0	9	8
113.0	65.0	28 12.0	117 35.6	AX	66 12 10	1252	140	500	2.80	100.0	15	31
113.0	70.0	28 03.5	117 56.0	AX	66 12 10	1015	142	492	2.88	100.0	8	35
113.0	80.0	27 40.0	118 37.5	AX	66 12 10	0441	140	491	2.84	100.0	35	22
117.0	25.0	28 58.0	114 36.7	AX	66 12 11	1410	19	106	1.80	100.0	1	54
117.0	26.0	28 56.0	114 41.3	AX	66 12 11	1451	47	203	2.34	100.0	14	115
117.0	30.0	28 48.2	114 56.4	AX	66 12 11	1649	99	333	2.97	100.0	5	58
117.0	35.0	28 38.0	115 16.0	AX	66 12 13	0211	122	577	2.11	100.0	10	6
117.0	40.0	28 28.0	115 35.3	AX	66 12 13	0522	135	529	2.55	100.0	18	3
117.0	45.0	28 18.2	115 56.0	AX	66 12 13	1308	138	556	2.48	100.0	4	0
117.0	50.0	28 08.0	116 15.0	AX	66 12 13	1552	133	548	2.43	100.0	3	2
117.0	55.0	28 00.0	116 35.5	AX	66 12 13	1816	139	505	2.76	100.0	18	32
117.0	60.0	27 49.5	116 57.0	AX	66 12 13	2116	141	482	2.92	100.0	134	19
117.0	65.0	27 42.0	117 12.0	AX	66 12 13	2324	139	499	2.78	100.0	85	24
117.0	70.0	29 32.5	117 31.0	AX	66 12 14	0224	133	508	2.62	100.0	30	58
117.0	80.0	27 14.0	118 08.3	AX	66 12 14	0715	137	486	2.82	100.0	27	45
118.0	39.0	28 17.7	115 23.8	AX	66 12 12	2301	139	538	2.59	100.0	9	48
119.0	33.0	28 19.0	114 53.0	AX	66 12 12	0554	105	382	2.74	100.0	13	120
120.0	24.0	28 23.2	114 11.5	AX	66 12 11	2134	20	100	2.02	100.0	91	36
120.0	25.0	28 21.8	114 15.3	AX	66 12 11	2204	37	145	2.54	100.0	66	65
120.0	30.0	28 13.0	114 34.0	AX	66 12 12	0338	76	315	2.40	100.0	30	43
120.0	35.0	28 02.1	114 54.2	AX	66 12 12	0758	77	303	2.53	100.0	6	192
120.0	40.0	27 56.5	115 14.2	AX	66 12 12	1004	26	177	1.44	100.0	36	70
120.0	45.0	27 43.0	115 33.0	AX	66 12 15	0646	137	492	2.78	100.0	4	18
120.0	50.0	27 31.8	115 52.3	AX	66 12 15	0341	134	489	2.75	100.0	13	4
120.0	55.0	27 21.5	116 11.0	AX	66 12 15	0050	135	517	2.62	100.0	64	1

TABLE 1. (cont.)

CalCOFI Cruise 6612

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	60.0	27	12.0	116	29.5	AX	66	12	14	2225	144	462	3.11	100.0	116	57
120.0	65.0	27	02.5	116	49.5	AX	66	12	14	1921	137	514	2.67	100.0	264	19
120.0	70.0	26	52.6	117	09.0	AX	66	12	14	1700	144	475	3.04	100.0	36	45
120.0	80.0	26	34.2	117	47.3	AX	66	12	14	1226	140	495	2.83	100.0	59	88
123.0	36.0	27	26.0	114	36.2	AX	66	12	15	1208	35	184	1.92	100.0	0	93
123.0	37.0	27	24.3	114	40.2	AX	66	12	15	1259	60	229	2.62	100.0	5	124
123.0	42.0	27	13.8	114	59.5	AX	66	12	15	1546	131	519	2.52	100.0	22	4
123.0	45.0	27	08.2	115	11.8	AX	66	12	15	1719	138	450	3.07	100.0	15	12
123.0	50.0	26	57.2	115	30.5	AX	66	12	15	2021	142	478	2.96	100.0	53	17
123.0	55.0	26	47.4	115	49.2	AX	66	12	15	2237	142	460	3.08	100.0	99	30
123.0	60.0	26	36.7	116	10.0	AX	66	12	16	0128	135	502	2.69	100.0	204	40
127.0	33.0	26	57.5	114	02.5	AX	66	12	17	0233	54	208	2.58	100.0	122	272
127.0	34.0	26	55.4	114	06.3	AX	66	12	17	0142	62	237	2.62	100.0	124	254
127.0	40.0	26	49.2	114	30.0	AX	66	12	16	2235	143	500	2.86	100.0	10	4
127.0	45.0	26	33.8	114	49.0	AX	66	12	16	1925	142	488	2.90	100.0	9	1
127.0	50.0	26	22.2	115	08.2	AX	66	12	16	1641	137	493	2.78	100.0	1	6
127.0	55.0	26	13.8	115	27.2	AX	66	12	16	1001	133	495	2.69	100.0	14	24
127.0	60.0	25	59.0	115	48.8	AX	66	12	16	0606	135	488	2.76	100.0	19	37
130.0	28.0	26	33.0	113	20.2	AX	66	12	17	0715	37	180	2.07	100.0	1518	132
130.0	30.0	26	29.0	113	28.8	AX	66	12	17	0830	73	297	2.46	100.0	322	684
130.0	35.0	26	16.8	113	48.7	AX	66	12	17	1048	149	450	3.30	100.0	9	72
130.0	40.0	26	07.4	114	06.4	AX	66	12	17	1337	132	532	2.47	100.0	9	41
130.0	45.0	25	57.5	114	26.2	AX	66	12	17	1606	143	467	3.05	100.0	11	35
130.0	50.0	25	47.6	114	45.7	AX	66	12	17	1846	142	459	3.09	100.0	54	327
130.0	55.0	25	37.9	115	04.0	AX	66	12	17	2100	136	515	2.63	100.0	11	42
130.0	60.0	25	29.0	115	21.3	AX	66	12	17	2332	139	489	2.83	100.0	14	48
133.0	23.0	26	07.7	112	41.2	AX	66	12	18	1653	70	305	2.31	100.0	37	131
133.0	25.0	26	05.2	112	48.3	AX	66	12	18	1552	69	368	1.87	100.0	731	123
133.0	30.0	25	54.8	113	06.9	AX	66	12	18	1318	141	497	2.84	100.0	23	5
133.0	35.0	25	43.6	113	30.0	AX	66	12	18	1023	137	526	2.60	100.0	58	9
133.0	40.0	25	37.6	113	44.3	AX	66	12	18	0841	143	488	2.92	100.0	8	28
137.0	22.0	25	36.3	112	15.9	AX	66	12	18	2034	30	152	2.00	100.0	2237	186
137.0	23.0	25	34.6	112	19.2	AX	66	12	18	2124	61	283	2.14	100.0	549	331
137.0	30.0	25	21.8	112	47.3	AX	66	12	19	0026	134	498	2.68	100.0	619	7
137.0	35.0	25	12.8	113	05.3	AX	66	12	19	0246	134	510	2.63	100.0	183	46
137.0	40.0	25	03.5	113	23.8	AX	66	12	19	0603	133	503	2.64	100.0	32	25

TABLE 2. Pooled occurrences of fish larvae taken during CalCOFI cruises in 1966.

Rank	Taxon	Occurrences
1	*Triphoturus mexicanus*	990
2	*Engraulis mordax*	987
3	*Vinciguerria lucetia*	828
4	*Sebastes* spp.	698
5	*Protomyctophum crockeri*	671
6	*Cyclothone* spp.	593
7	*Citharichthys* spp.	590
8	Disintegrated fish larva	542
9	*Lampanyctus ritteri*	523
10	*Trachurus symmetricus*	503
11	Unidentified fish larva	485
12	*Bathylagus wesethi*	461
13	*Leuroglossus stilbius*	449
14	*Stenobrachius leucopsarus*	420
15	*Lampanyctus* spp.	401
16	*Merluccius productus*	398
17	*Diogenichthys laternatus*	361
18	Myctophidae	346
19	*Melamphaes* spp.	340
20	*Stomias atriventer*	326
21	*Ceratoscopelus townsendi*	302
22	*Symbolophorus californiensis*	291
23	*Bathylagus ochotensis*	260
24	Sternoptychidae	250
25	*Lestidiops ringens*	232
26	*Tarletonbeania crenularis*	208
27	Gobiidae	198
28	*Diaphus* spp.	187
29	*Hygophum atratum*	178
30	*Chauliodus macouni*	171
30	*Diogenichthys atlanticus*	171
30	*Citharichthys stigmaeus*	171
33	*Diogenichthys* spp.	165
34	Sciaenidae	157
35	*Gonichthys tenuiculus*	146
36	*Sardinops sagax*	143
37	*Symphurus* spp.	138
38	*Icichthys lockingtoni*	131
39	*Synodus* spp.	121
40	Scopelarchidae	114
41	*Chromis punctipinnis*	105
42	*Oxyjulis californica*	97
43	*Argentina sialis*	93
44	Serranidae	91
45	*Sebastolobus* spp.	87
46	*Hippoglossina stomata*	83
47	*Pleuronichthys verticalis*	81
47	*Paralichthys californicus*	81

TABLE 2. (cont.)

Rank	Taxon	Occurrences
49	*Parophrys vetulus*	80
50	*Hypsoblennius* spp.	77
51	Trachipteridae	75
52	*Tetragonurus cuvieri*	74
52	Trichiuridae	74
54	*Idiacanthus antrostomus*	72
54	*Lyopsetta exilis*	72
56	Ophidiiformes	69
57	*Scomber japonicus*	68
58	*Ophidion scrippsae*	67
59	*Lampadena urophaos*	62
59	*Scorpaena* spp.	62
61	*Scopelogadus bispinosus*	60
61	Chiasmodontidae	60
63	*Myctophum nitidulum*	58
64	*Chilara taylori*	55
65	*Notoscopelus resplendens*	54
66	*Peprilus simillimus*	52
66	*Microstomus pacificus*	52
68	Clinidae	51
68	*Poromitra* spp.	51
70	*Halichoeres* spp.	50
71	*Microstoma microstoma*	48
71	*Nansenia crassa*	48
73	*Lampanyctus regalis*	46
74	Cottidae	43
74	Ceratioidei	43
76	*Nansenia candida*	39
77	*Glyptocephalus zachirus*	36
78	*Ichthyococcus* spp.	35
79	*Sphyraena argentea*	31
79	*Cololabis saira*	31
81	*Seriola lalandi*	30
81	*Xystreurys liolepis*	30
83	*Sarda chiliensis*	29
84	*Semicossyphus pulcher*	28
85	*Bathylagus pacificus*	26
85	*Etrumeus acuminatus*	26
85	*Zaniolepis* spp.	26
88	*Prionotus* spp.	25
89	*Medialuna californiensis*	22
89	*Notolychnus valdiviae*	22
91	*Brama* spp.	21
91	*Scopelosaurus* spp.	21
93	Agonidae	20
94	*Bathylagus* spp.	18
95	*Brosmophycis marginata*	17
95	Haemulidae	17
95	Anguilliformes	17

TABLE 2. (cont.)

Rank	Taxon	Occurrences
98	*Tactostoma macropus*	16
99	*Syngnathus* spp.	15
99	*Scorpaenichthys marmoratus*	15
101	Cyclopteridae	14
102	Carangidae	13
103	Gerreidae	12
103	*Aristostomias scintillans*	12
103	Gobiesocidae	12
103	*Notolepis risso*	12
107	*Pleuronichthys decurrens*	11
107	*Diplophos taenia*	11
107	Atherinidae	11
107	*Pleuronichthys coenosus*	11
111	*Psettichthys melanostictus*	10
111	Exocoetidae	10
113	*Hygophum reinhardtii*	9
114	*Pleuronichthys ritteri*	8
114	Gonostomatidae	8
116	Gempylidae	7
116	*Oxylebius pictus*	7
118	*Macroramphosus gracilis*	6
118	Stomiiformes	6
118	*Vinciguerria poweriae*	6
118	*Loweina rara*	6
122	*Stemonosudis macrura*	5
122	*Bathophilus* spp.	5
122	*Coryphaena hippurus*	5
122	*Caulolatilus princeps*	5
122	*Mugil* spp.	5
122	Macrouridae	5
122	Pomacentridae	5
129	*Hygophum* spp.	4
129	*Girella nigricans*	4
129	*Auxis* spp.	4
129	*Photonectes* spp.	4
133	*Opisthonema* spp.	3
133	*Electrona rissoi*	3
133	*Icosteus aenigmaticus*	3
133	*Lepidopsetta bilineata*	3
133	*Howella brodiei*	3
133	*Syacium ovale*	3
133	*Benthosema pterota*	3
133	*Hypsopsetta guttulata*	3
133	*Platichthys stellatus*	3
133	*Scomberomorus* spp.	3
143	*Physiculus* spp.	2
143	Nomeidae	2
143	*Microgadus proximus*	2
143	*Bregmaceros* spp.	2

TABLE 2. (cont.)

Rank	Taxon	Occurrences
147	Polynemidae	1
147	***Hypsypops rubicundus***	1
147	***Porichthys*** spp.	1
147	Hexagrammidae	1
147	***Ophiodon elongatus***	1
147	Scorpaenidae	1
147	***Aulopus*** spp.	1
147	***Bathylagus milleri***	1
147	***Caristius macropus***	1
147	Apogonidae	1

TABLE 3. Pooled numbers of fish larvae taken during CalCOFI cruises in 1966. Counts are adjusted for percent of sample sorted and standard haul factor (see text).

Rank	Taxon	Count
1	*Engraulis mordax*	468498
2	*Vinciguerria lucetia*	121783
3	*Merluccius productus*	75126
4	*Triphoturus mexicanus*	45754
5	*Sebastes* spp.	37057
6	*Stenobrachius leucopsarus*	26272
7	*Trachurus symmetricus*	19505
8	*Leuroglossus stilbius*	16507
9	*Sardinops sagax*	15542
10	*Citharichthys* spp.	15502
11	*Diogenichthys laternatus*	12948
12	*Cyclothone* spp.	8900
13	*Bathylagus wesethi*	7728
14	*Synodus* spp.	6288
15	*Lampanyctus ritteri*	5219
16	*Ceratoscopelus townsendi*	4830
17	*Protomyctophum crockeri*	4471
18	Unidentified fish larva	4197
19	*Bathylagus ochotensis*	3791
20	*Diaphus* spp.	3351
21	Disintegrated fish larva	3021
22	Sciaenidae	2983
23	*Lampanyctus* spp.	2804
24	Myctophidae	2560
25	*Chromis punctipinnis*	2464
26	*Tarletonbeania crenularis*	2399
27	*Diogenichthys* spp.	2194
28	*Stomias atriventer*	1962
29	*Symbolophorus californiensis*	1795
30	*Etrumeus acuminatus*	1756
31	*Melamphaes* spp.	1627
32	Serranidae	1509
33	*Citharichthys stigmaeus*	1417
34	*Hygophum atratum*	1331
35	*Parophrys vetulus*	1322
36	*Scomber japonicus*	1241
37	*Symphurus* spp.	1228
38	*Lestidiops ringens*	1157
39	*Icichthys lockingtoni*	1107
40	*Gonichthys tenuiculus*	1084
41	Sternoptychidae	1074
42	*Diogenichthys atlanticus*	993
43	*Oxyjulis californica*	946
44	Gobiidae	938
45	*Prionotus* spp.	786
46	*Chauliodus macouni*	693
47	Haemulidae	688

TABLE 3. (cont.)

Rank	Taxon	Count
48	*Sebastolobus* spp.	652
49	*Sphyraena argentea*	629
50	*Ophidion scrippsae*	628
51	*Peprilus simillimus*	543
52	Scopelarchidae	534
53	*Hypsoblennius* spp.	523
54	*Paralichthys californicus*	521
55	*Pleuronichthys verticalis*	517
56	*Argentina sialis*	506
57	Ophidiiformes	500
58	Trichiuridae	492
59	*Scorpaena* spp.	481
60	*Hippoglossina stomata*	419
61	*Lyopsetta exilis*	402
62	*Halichoeres* spp.	399
63	*Tetragonurus cuvieri*	386
64	Clinidae	377
65	*Lampadena urophaos*	372
66	*Idiacanthus antrostomus*	330
67	Chiasmodontidae	295
68	*Nansenia candida*	283
69	*Scopelogadus bispinosus*	269
70	Cottidae	267
70	*Chilara taylori*	267
72	*Microstomus pacificus*	263
73	*Glyptocephalus zachirus*	258
74	*Notoscopelus resplendens*	257
75	Trachipteridae	248
76	*Sarda chiliensis*	236
76	*Seriola lalandi*	236
78	Carangidae	235
79	*Myctophum nitidulum*	230
80	*Auxis* spp.	222
81	*Lampanyctus regalis*	199
82	*Poromitra* spp.	188
83	Ceratioidei	184
84	*Microstoma microstoma*	178
85	*Nansenia crassa*	164
86	*Xystreurys liolepis*	162
87	*Cololabis saira*	151
88	Gerreidae	136
89	Pomacentridae	132
90	*Semicossyphus pulcher*	123
91	*Bathylagus pacificus*	112
92	*Ichthyococcus* spp.	110
93	*Tactostoma macropus*	107
94	*Bathylagus* spp.	106
95	*Diplophos taenia*	93
96	*Zaniolepis* spp.	89

TABLE 3. (cont.)

Rank	Taxon	Count
97	Agonidae	88
98	*Hypsypops rubicundus*	82
99	*Medialuna californiensis*	81
100	Gobiesocidae	80
101	*Scorpaenichthys marmoratus*	78
101	*Notolychnus valdiviae*	78
103	*Scopelosaurus* spp.	73
104	*Brama* spp.	71
105	*Psettichthys melanostictus*	70
106	*Scomberomorus* spp.	68
107	*Platichthys stellatus*	67
108	*Brosmophycis marginata*	60
109	Anguilliformes	54
110	*Syngnathus* spp.	48
111	*Hygophum reinhardtii*	45
112	*Notolepis risso*	44
113	Exocoetidae	43
114	*Opisthonema* spp.	42
114	Gempylidae	42
116	*Aristostomias scintillans*	40
117	Cyclopteridae	37
118	*Pleuronichthys decurrens*	33
118	*Pleuronichthys coenosus*	33
120	*Electrona rissoi*	32
121	*Benthosema pterota*	30
121	*Vinciguerria poweriae*	30
121	Gonostomatidae	30
124	*Girella nigricans*	28
125	*Macroramphosus gracilis*	26
126	Stomiiformes	25
127	Atherinidae	24
127	*Stemonosudis macrura*	24
129	*Oxylebius pictus*	22
130	*Icosteus aenigmaticus*	20
131	*Pleuronichthys ritteri*	19
131	*Loweina rara*	19
133	*Caulolatilus princeps*	18
133	*Bathophilus* spp.	18
135	*Coryphaena hippurus*	15
135	Macrouridae	15
137	*Photonectes* spp.	13
138	*Mugil* spp.	12
139	*Lepidopsetta bilineata*	11
139	*Hygophum* spp.	11
141	*Howella brodiei*	9
141	*Syacium ovale*	9
141	Hexagrammidae	9
144	*Microgadus proximus*	8
145	*Hypsopsetta guttulata*	7

TABLE 3. (cont.)

Rank	Taxon	Count
146	*Physiculus* spp.	6
146	Nomeidae	6
146	*Bregmaceros* spp.	6
149	*Caristius macropus*	3
149	Scorpaenidae	3
149	*Aulopus* spp.	3
149	*Bathylagus milleri*	3
149	Apogonidae	3
149	*Ophiodon elongatus*	3
149	*Porichthys* spp.	3
149	Polynemidae	3
	Total	963242

TABLE 4. Numbers of fish larvae taken on stations occupied during CalCOFI cruises in 1966. Counts are adjusted for percent of sample sorted and standard haul factor (see text). Average number is given for stations occupied twice during a single month. Unoccupied stations are indicated by a dash.

Anguilliformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	–	1.6	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
110.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.5
110.0	70.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.1	0.0	–	0.0
113.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	2.9	0.0	0.0
113.0	70.0	3.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
117.0	50.0	2.9	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
120.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.8
120.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.6
120.0	60.0	0.0	–	0.0	0.0	3.0	–	0.0	0.0	–	–	–	0.0
123.0	42.0	–	–	–	0.0	–	–	0.0	–	–	6.2	–	0.0
123.0	50.0	3.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	3.0	0.0
127.0	50.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	5.4	0.0	0.0
137.0	22.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	2.0
137.0	23.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.1	0.0	0.0
137.0	40.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0
150.0	50.0	–	–	–	–	–	–	–	–	–	–	3.0	–

Etrumeus acuminatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	29.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	1.5	0.0	–	0.0
120.0	24.0	0.0	–	0.0	0.0	0.0	–	0.0	2.3	0.0	0.0	–	0.0
120.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	2.5	0.0	0.0	0.0	0.0
120.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	2.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	–	23.1	0.0	0.0
123.0	36.0	0.0	–	–	0.0	0.0	–	5.6	0.0	–	63.4	–	0.0
127.0	33.0	–	0.0	–	0.0	0.0	–	0.0	2.6	–	0.0	–	0.0
127.0	34.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.8	0.0	0.0
130.0	28.0	–	0.0	–	0.0	0.0	–	0.0	29.5	–	6.9	–	0.0
130.0	30.0	–	0.0	–	0.0	0.0	–	0.0	48.3	–	0.0	0.0	0.0
133.0	23.0	–	0.0	–	0.0	0.0	–	105.7	986.3	–	11.6	–	0.0
133.0	25.0	–	0.0	–	0.0	0.0	–	27.5	252.0	–	10.1	0.0	0.0
133.0	30.0	–	0.0	–	0.0	0.0	–	2.7	21.8	–	0.0	0.0	0.0
137.0	22.0	–	0.0	–	0.0	0.0	–	4.2	0.0	–	2.3	–	0.0
137.0	23.0	–	0.0	–	0.0	0.0	–	2.7	130.6	–	2.1	0.0	0.0
140.0	30.0	–	–	–	–	–	–	–	–	–	–	5.6	–

Opisthonema spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	22.0	–	0.0	–	0.0	0.0	–	0.0	2.8	–	0.0	–	0.0

TABLE 4. (cont.)

Opisthonema spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	23.0	-	0.0	-	0.0	0.0	-	32.6	0.0	-	0.0	0.0	0.0
150.0	19.0	-	-	-	-	-	-	-	-	-	-	6.9	-

Sardinops sagax

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	51.0	6.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	53.0	3.4	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
77.0	48.0	0.0	-	-	4.1	-	0.0	0.0	-	-	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	5.7	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	10.8	-	0.0	0.0	5.2	-	0.0
87.0	33.0	-	4.9	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	3.7	5.0	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	5.1	0.0	-	1.4	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	1.4	0.0	-	0.0	0.0	5.5	0.0	6.7	0.0	6.4	-	0.0
97.0	30.0	0.0	0.0	-	0.0	69.4	15.3	0.0	10.8	0.0	0.0	-	0.0
97.0	45.0	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	29.0	3.2	6.9	-	0.0	0.0	-	0.8	37.7	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	2.5	-	0.0	5.9	0.0	0.0	-	0.0
107.0	31.0	0.0	12.7	-	0.0	0.0	-	0.0	2.0	0.0	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	6.0	9.1	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	10.0	0.0	0.0	0.0	0.0
110.0	32.0	1.5	-	0.0	0.0	2.9	-	0.0	0.0	0.0	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	6.3	0.0	0.0	-	0.0
110.0	41.0	-	-	-	-	-	-	10.5	-	-	-	-	-
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.7
113.0	29.0	0.0	-	0.0	0.0	0.0	-	7.7	1.2	2.9	8.7	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	2.2	0.0	1.7	0.0	0.0	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	21.4	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.4
113.0	50.0	0.0	-	0.0	0.0	0.0	-	35.4	6.3	0.0	0.0	-	2.6
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	8.3
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	9.5	0.0	-	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	7.0	13.3	24.1	0.0	-	1.8
117.0	30.0	0.0	-	0.0	0.0	0.0	-	5.2	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	36.3	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	84.2	0.0	0.0	0.0	0.0	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.5
118.0	39.0	-	-	-	0.0	0.0	-	129.8	11.2	3.1	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	12.4	2.9	0.0	0.0	0.0	2.7
120.0	24.0	32.5	-	0.0	0.0	1.6	-	3.8	134.0	0.0	113.9	-	86.9
120.0	25.0	16.6	-	0.0	0.0	0.0	-	23.0	165.5	0.0	47.5	2279.4	15.2
120.0	30.0	2.7	-	0.0	0.0	0.0	-	0.0	12.5	0.0	0.0	41.9	26.4

TABLE 4. (cont.)

Sardinops sagax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	122.1	-	0.0	0.0	0.0	-	5.5	35.0	12.3	25.9	0.0	0.0
120.0	40.0	48.8	-	10.8	0.0	12.7	-	11.1	18.5	2.9	242.8	-	28.8
120.0	45.0	2.7	-	0.0	0.0	0.0	-	3.3	28.6	-	6.6	0.0	0.0
120.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	-	0.0	-	7.9
123.0	36.0	18.8	-	-	0.0	0.0	-	36.4	11.4	-	55.7	-	0.0
123.0	37.0	-	46.2	-	0.0	0.0	-	0.0	6.0	-	22.1	148.5	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	2.6	-	-	0.0	-	0.0
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	69.1	-	448.6	-	113.5
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	34.6	-	63.5	0.0	7.9
127.0	55.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.7
130.0	28.0	-	0.0	-	5.3	0.0	-	0.0	368.8	-	83.2	-	43.5
130.0	30.0	-	26.6	-	0.0	0.0	-	0.0	566.4	-	0.0	0.0	0.0
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
133.0	23.0	-	2.5	-	0.0	0.0	-	162.6	7634.8	-	0.0	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	22.0	349.7	-	15.1	2.9	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	5.3	84.2	-	0.0	0.0	0.0
137.0	22.0	-	15.3	-	2.3	0.0	-	265.9	16.7	-	18.2	-	2.0
137.0	23.0	-	8.1	-	0.0	0.0	-	0.0	274.7	-	4.2	75.3	0.0
137.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.6

Engraulis mordax

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	2.9	-	-	0.0	-	0.0	0.0	-	-	0.0	-	17.1
60.0	52.0	15.8	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	55.0	8.5	-	-	0.0	-	0.0	0.0	-	-	14.9	-	0.0
60.0	60.0	0.0	-	-	0.0	-	0.0	3.2	-	-	0.0	-	0.0
60.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.3	-	0.0
63.0	50.0	7.4	-	-	0.0	-	0.0	0.0	-	-	0.0	-	54.0
63.0	52.0	0.0	-	-	0.0	-	0.0	9.4	-	-	8.7	-	106.9
63.0	55.0	0.0	-	-	0.0	-	0.0	545.2	-	-	0.0	-	0.0
63.0	60.0	17.4	-	-	0.0	-	0.0	914.6	-	-	31.6	-	0.0
63.0	70.0	-	-	-	2.8	-	0.0	0.0	-	-	-	-	0.0
67.0	48.0	0.0	-	-	0.0	-	2.9	-	-	-	0.0	-	12.5
67.0	50.0	0.0	-	-	2.9	-	21.1	0.0	-	-	26.4	-	0.0
67.0	55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	12.5	-	0.0
67.0	58.0	-	-	-	-	-	-	-	-	-	12.6	-	-
67.0	60.0	12.7	-	-	11.9	-	64.5	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	3.0	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	-	0.0	-	291.0	45.6	-	-	102.3	-	0.0
70.0	51.0	2109.8	-	-	17.6	-	12.1	0.0	-	-	6.1	-	2.8
70.0	53.0	141.5	-	-	15.0	-	21.6	0.0	-	-	6.4	-	0.0
70.0	60.0	0.0	-	-	0.0	-	23.4	17.8	-	-	-	-	0.0
70.0	65.0	0.0	-	-	5.8	-	6.4	-	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	70.0	0.0	-	-	0.0	-	0.0	34.3	-	-	0.0	-	0.0
73.0	50.0	-	144.3	-	5.4	-	29.8	41.0	-	-	0.0	-	0.0
73.0	53.0	-	343.7	-	0.0	-	10.0	40.0	-	-	10.6	-	0.0
73.0	60.0	-	0.0	-	105.4	-	47.6	218.4	-	-	0.0	-	0.0
73.0	70.0	-	-	-	28.0	-	137.2	32.7	-	-	0.0	-	0.0
73.0	80.0	-	-	-	2.8	-	0.0	6.6	-	-	0.0	-	-
73.0	90.0	-	-	-	0.0	-	9.9	0.0	-	-	-	-	-
77.0	48.0	402.2	-	-	5.2	-	120.0	37.6	-	-	4.4	-	5.8
77.0	51.0	2974.3	-	-	0.0	-	50.7	6.8	-	-	0.0	-	26.3
77.0	55.0	-	1924.5	-	425.9	-	77.0	131.6	-	-	0.0	-	0.0
77.0	60.0	-	119.7	-	13.6	-	6.5	11.2	-	-	0.0	-	0.0
77.0	65.0	-	-	-	285.7	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	-	356.2	-	0.0	30.4	-	-	0.0	-	3.0
77.0	80.0	0.0	-	-	119.3	-	16.8	101.7	-	-	0.0	-	-
80.0	51.0	-	3357.6	-	1000.7	123.3	1117.6	9.1	9.0	145.4	144.7	-	3.0
80.0	52.0	-	2115.4	-	921.1	565.2	264.9	18.2	5.9	252.3	25.6	-	67.8
80.0	55.0	-	3972.6	-	817.4	702.3	73.0	5.4	234.3	28.2	26.2	-	9.7
80.0	60.0	-	181.2	-	2217.6	7113.9	96.6	9.9	68.9	3.2	0.0	-	0.0
80.0	65.0	-	34.1	-	316.5	23.0	12.1	1925.0	105.9	0.0	0.0	-	0.0
80.0	70.0	-	65.1	-	546.7	0.0	1135.8	21.5	6.9	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	12.1	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	1.6	-	8.3	0.0	0.0	86.1	0.0	0.0	0.0	-	0.0
82.0	47.0	-	476.9	-	1535.0	52.4	2582.1	12.3	132.3	141.7	103.7	-	5.9
83.0	40.0	-	543.0	-	762.2	868.6	1015.2	-	111.4	86.7	31.4	-	41.8
83.0	43.0	-	871.1	-	2597.2	1099.6	1299.8	105.7	1427.7	203.1	40.0	-	120.8
83.0	51.0	-	1943.5	-	611.1	6061.4	2893.8	14.5	1373.5	324.3	10.6	-	45.8
83.0	55.0	-	787.6	-	1514.8	764.4	504.3	37.5	231.0	728.5	15.2	-	12.4
83.0	60.0	-	11.6	-	325.1	1494.1	1545.6	170.8	77.7	322.1	17.6	-	0.0
83.0	65.0	-	1.6	-	722.4	342.4	758.9	1025.1	0.0	239.8	60.2	-	0.0
83.0	70.0	-	6.6	-	298.3	3.1	667.9	13.4	170.1	0.0	3.7	-	0.0
83.0	80.0	-	34.0	-	110.8	3.0	8.9	21.0	3.0	0.0	38.4	-	0.0
83.0	90.0	-	0.0	-	5.9	0.0	0.0	61.4	0.0	0.0	0.0	-	-
87.0	33.0	-	2403.5	-	-	1128.9	1502.9	74.1	1204.1	186.0	46.9	-	207.4
87.0	35.0	-	4119.1	-	1397.1	2835.9	5589.8	748.8	1407.6	3053.2	606.7	-	295.0
87.0	40.0	-	1617.6	-	1651.3	6675.4	2270.8	72.8	691.2	154.6	503.4	-	346.8
87.0	45.0	-	4397.4	-	1100.0	1920.7	2831.0	305.8	11.1	231.0	3.9	-	8.9
87.0	50.0	-	1283.9	-	1100.3	8395.6	2422.2	575.7	37.1	439.4	0.0	-	10.3
87.0	55.0	-	227.3	-	182.1	1168.4	1537.5	473.0	12.6	23.1	0.0	-	3.3
87.0	60.0	-	670.8	-	984.6	1806.1	1493.5	99.5	0.0	3.3	0.0	-	0.0
87.0	65.0	-	0.0	-	705.8	124.8	114.8	566.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	142.0	-	0.0	0.0	463.6	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	0.0	17.6	0.0	0.0	0.0	-	0.0
87.0	90.0	-	0.0	9.6	-	0.0	2.6	0.0	0.0	0.0	0.0	-	-
90.0	28.0	-	3294.4	1049.2	-	6606.3	306.4	174.7	7143.7	237.3	600.2	-	388.2
90.0	30.0	-	-	-	-	-	-	-	2522.8	-	-	-	-
90.0	32.0	-	339.2	840.8	-	3570.6	13.4	666.3	184.2	361.6	730.6	-	208.0

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	37.0	-	1535.8	1867.8	-	1932.5	139.9	537.9	369.1	1321.8	476.2	-	65.9
90.0	45.0	-	1830.3	1026.9	-	2409.1	5482.4	106.9	68.3	711.6	0.0	-	84.5
90.0	50.0	-	760.0	-	-	6509.7	-	-	0.0	658.3	-	-	-
90.0	53.0	-	-	759.2	-	-	936.4	185.1	-	-	0.0	-	12.8
90.0	55.0	-	452.2	-	-	145.6	-	-	3.2	0.0	-	-	-
90.0	60.0	-	40.4	1129.4	-	612.9	111.5	241.8	24.3	0.0	3.0	-	0.0
90.0	65.0	-	12.8	256.4	-	64.2	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	70.0	-	6.6	1512.9	-	35.0	186.4	0.0	6.2	0.0	-	-	0.0
90.0	80.0	-	0.0	19.9	-	0.0	0.0	5.6	3.2	0.0	0.0	-	0.0
90.0	90.0	-	3.2	2.5	-	0.0	0.0	0.0	3.3	0.0	0.0	-	0.0
90.0	100.0	-	0.0	-	-	-	-	5.8	-	-	0.0	-	-
93.0	27.0	3426.1	3633.2	-	-	1091.9	84.6	1875.8	326.7	54.2	114.4	-	324.4
93.0	28.0	80.0	2945.2	841.1	-	2129.8	423.4	756.4	16.1	118.6	430.3	-	536.2
93.0	30.0	114.4	588.3	1651.2	-	922.5	957.4	62.6	0.0	199.3	390.4	-	37.8
93.0	35.0	1225.1	3944.6	589.1	-	2338.3	178.9	0.0	41.3	278.1	478.3	-	130.7
93.0	40.0	222.9	6.5	2479.1	-	1396.3	359.6	-	3.4	6.3	3.2	-	40.6
93.0	45.0	54.2	0.0	1173.9	-	327.3	365.8	19.0	0.0	3.0	6.2	-	0.0
93.0	50.0	0.0	23.7	1970.6	-	4008.1	3152.7	41.2	0.0	0.0	0.0	-	0.0
93.0	55.0	24.2	31.0	1955.3	-	5015.2	2209.0	25.3	3.4	0.0	0.0	-	0.0
93.0	60.0	0.0	36.1	2064.8	-	2369.7	54.9	1142.0	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	814.1	513.5	-	10.1	2.7	204.6	0.0	0.0	0.0	-	0.0
93.0	70.0	3.0	967.3	29.5	-	8.9	5.6	-	0.0	0.0	-	-	0.0
93.0	80.0	0.0	42.1	0.0	-	13.4	0.0	157.5	0.0	0.0	-	-	0.0
97.0	29.0	641.8	24.8	-	21.5	26.7	33.1	0.0	216.3	73.8	225.8	-	6.5
97.0	30.0	1106.8	666.0	-	229.0	445.9	70.6	0.0	8.1	121.1	209.0	-	29.6
97.0	32.0	197.1	-	928.2	-	-	6.7	0.0	-	-	272.7	-	634.5
97.0	35.0	2474.0	235.2	1292.1	-	42.8	-	0.0	0.0	989.7	1210.9	0.0	10.2
97.0	40.0	0.0	648.6	16.4	-	4040.1	3.0	7.2	0.0	0.0	46.6	-	2.8
97.0	45.0	0.0	2407.3	543.5	-	71.8	19.4	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	60.3	34.8	1168.4	-	74.5	1252.7	0.0	0.0	0.0	0.0	-	0.0
97.0	55.0	60.0	50.9	9.3	-	3.9	13.2	3.5	0.0	0.0	0.0	-	0.0
97.0	60.0	0.0	372.7	3.1	-	17.6	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	65.0	0.0	89.1	909.1	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	93.3	-	1144.4	0.0	15.7	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	5.5	79.2	-	65.0	0.0	0.0	2.8	0.0	0.0	-	0.0
97.0	90.0	0.0	0.0	189.2	-	0.0	0.0	3.1	-	-	-	-	-
100.0	29.0	2040.4	450.8	-	41.9	312.1	20.3	14.3	11.0	130.6	21.1	-	2.9
100.0	30.0	2122.4	513.8	-	277.4	366.0	112.9	2.4	0.0	89.4	16.8	-	202.0
100.0	35.0	1516.8	1091.2	-	0.0	0.0	3.1	3.0	0.0	0.0	6.3	3.0	17.3
100.0	40.0	1249.5	516.3	-	427.7	70.2	0.0	0.0	0.0	3.0	20.6	-	0.0
100.0	45.0	9.8	65.2	-	104.7	545.7	0.0	0.0	0.0	22.3	0.0	0.0	0.0
100.0	50.0	0.0	101.1	-	6.2	0.0	0.0	0.0	3.2	32.6	0.0	-	0.0
100.0	55.0	17.8	6.1	-	0.0	11.9	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0	60.0	3.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	65.0	2.9	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	19.7	11.0	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	90.0	0.0	-	-	0.0	6.8	0.0	0.0	-	-	-	-	-
103.0	29.0	796.1	473.2	-	48.0	23.9	-	16.0	11.0	0.0	1.6	-	64.7
103.0	30.0	229.2	152.4	-	39.5	45.7	-	153.4	5.9	28.0	0.0	-	287.1
103.0	35.0	156.6	234.8	-	0.0	0.0	-	5.3	3.3	0.0	0.0	57.1	99.4
103.0	40.0	0.0	9.0	-	14.0	6.2	-	1.7	60.0	3.3	0.0	-	0.0
103.0	45.0	0.0	3.2	-	9.1	3.7	-	1.7	16.1	6.2	0.0	3.0	0.0
103.0	50.0	0.0	3.3	-	14.8	0.0	0.0	0.0	0.0	90.8	0.0	-	0.0
103.0	55.0	0.0	9.6	-	0.0	0.0	0.0	0.0	22.1	9.2	-	-	0.0
103.0	60.0	2.7	43.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	185.3	2256.0	-	40.2	4.1	-	14.6	37.8	53.3	0.0	-	75.3
107.0	32.0	667.9	850.1	-	25.4	19.7	-	17.9	45.6	9.9	0.0	-	42.3
107.0	35.0	13.0	186.1	-	0.0	0.0	-	0.0	20.0	0.0	7.6	0.0	33.0
107.0	40.0	34.9	44.8	-	0.0	0.0	-	0.0	162.7	0.0	0.0	-	0.0
107.0	45.0	3.1	33.6	-	0.0	0.0	-	0.0	12.8	0.0	6.6	0.0	0.0
107.0	50.0	0.0	0.0	-	13.5	0.0	-	0.0	0.0	15.8	0.0	-	0.0
107.0	55.0	0.0	8.7	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	6.6	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	32.0	110.3	-	49.0	65.4	0.0	-	1.2	40.9	2.2	1.2	-	59.4
110.0	33.0	-	-	-	193.1	-	-	-	-	-	-	-	-
110.0	35.0	1397.1	-	316.2	431.5	3.4	-	2.6	6.5	48.0	3.4	0.0	39.3
110.0	40.0	21.7	-	324.0	3.8	0.0	-	-	22.2	0.0	0.0	-	293.8
110.0	41.0	-	-	-	-	-	-	23.6	-	-	-	-	-
110.0	45.0	8.1	-	260.8	0.0	0.0	-	0.0	0.0	0.0	6.4	0.0	0.0
110.0	50.0	0.0	-	10.3	0.0	0.0	-	0.0	0.0	6.5	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.5
110.0	60.0	0.0	-	0.0	0.0	0.0	-	6.0	0.0	0.0	0.0	-	0.0
110.0	65.0	0.0	-	35.6	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	70.0	2.8	-	11.6	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	29.0	86.0	-	36.7	17.3	2.7	-	20.5	155.6	0.0	15.7	-	56.8
113.0	30.0	231.0	-	229.6	6.7	9.3	-	474.9	720.4	0.0	2.7	0.0	34.4
113.0	35.0	229.4	-	120.5	0.0	228.0	-	68.3	3.1	9.7	3.2	0.0	13.9
113.0	40.0	35.5	-	1660.0	0.0	27.7	-	93.6	0.0	0.0	0.0	-	256.0
113.0	45.0	6.1	-	797.6	0.0	78.4	-	2.8	0.0	0.0	0.0	0.0	191.9
113.0	50.0	0.0	-	19.9	0.0	0.0	-	25.8	53.6	0.0	0.0	-	0.0
113.0	55.0	2.9	-	29.3	206.4	0.0	-	3.1	0.0	0.0	0.0	-	0.0
113.0	60.0	3.0	-	19.7	48.2	-	-	3.3	0.0	0.0	0.0	-	0.0
113.0	65.0	3.3	-	6.7	12.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	70.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
113.0	80.0	4.1	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
117.0	25.0	697.9	-	54.0	96.0	0.0	-	47.9	45.2	0.0	7.2	-	0.0
117.0	26.0	370.2	-	792.2	178.6	0.0	-	1169.2	384.6	0.0	2.7	8.1	9.4
117.0	30.0	274.4	-	726.3	1162.5	831.0	-	1406.8	78.7	0.0	6.1	5.5	3.0
117.0	35.0	319.8	-	6289.9	291.9	84.3	-	151.6	39.9	0.0	12.3	10.8	0.0
117.0	40.0	10.6	-	740.4	28.7	28.7	-	379.5	0.0	0.0	0.0	-	0.0
117.0	45.0	139.3	-	3.2	96.9	0.0	-	349.4	0.0	0.0	0.0	0.0	0.0
117.0	50.0	499.8	-	8.6	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	55.0	418.6	-	98.2	22.4	0.0	-	0.0	0.0	0.0	0.0	-	13.8
117.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	3.3	0.0	0.0	-	0.0
117.0	65.0	0.0	-	12.5	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
117.0	80.0	2.4	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
118.0	39.0	-	-	-	598.9	532.8	-	460.4	5.6	3.1	18.7	-	0.0
119.0	33.0	904.0	-	641.1	17.9	1056.7	-	1884.8	43.7	3142.5	6.1	0.0	0.0
120.0	24.0	340.0	-	575.8	999.0	68.9	-	2.6	4.6	0.0	6.6	-	0.0
120.0	25.0	990.8	-	1343.3	277.0	1.9	-	49.9	16.0	0.0	21.1	0.0	15.2
120.0	30.0	1420.3	-	542.3	54.4	41.9	-	661.4	81.1	0.0	14.1	5.2	7.2
120.0	35.0	428.8	-	469.5	177.0	32.8	-	1277.0	7.5	0.0	2.6	0.0	0.0
120.0	40.0	150.2	-	372.6	276.5	463.9	-	734.6	6.2	2.9	0.0	-	0.0
120.0	45.0	81.3	-	128.7	3.2	679.0	-	33.0	48.6	-	16.5	0.0	2.8
120.0	50.0	0.0	-	3.3	0.0	0.0	-	139.0	0.0	-	0.0	-	0.0
120.0	55.0	11.4	-	15.7	0.0	0.0	-	96.2	6.4	-	0.0	-	0.0
120.0	60.0	280.3	-	11.6	0.0	0.0	-	6.2	0.0	-	-	-	0.0
120.0	65.0	35.1	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	70.0	9.1	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
123.0	36.0	236.7	-	-	123.1	2883.5	-	0.0	2.8	-	1.9	-	0.0
123.0	37.0	-	898.8	-	74.7	1183.2	-	3.5	12.0	-	6.3	3.0	2.6
123.0	40.0	47.1	-	-	-	60.3	-	-	6.4	-	-	0.0	-
123.0	42.0	-	-	-	23.2	-	-	15.8	-	-	0.0	-	15.1
123.0	45.0	58.9	-	-	0.0	132.2	-	3.0	0.0	-	0.0	-	0.0
123.0	50.0	6.0	-	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	55.0	87.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
123.0	60.0	96.6	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	65.0	99.4	-	-	-	0.0	-	0.0	-	-	-	-	-
123.0	70.0	55.9	-	-	-	0.0	-	0.0	-	-	-	-	-
125.0	35.5	-	-	-	-	-	-	-	-	-	-	2.8	-
127.0	33.0	-	74.5	-	0.0	9.4	-	0.0	10.2	-	16.0	-	103.2
127.0	34.0	-	125.1	-	3.1	14.5	-	0.0	18.6	-	11.0	0.0	102.2
127.0	40.0	-	287.0	-	1354.2	0.0	-	0.0	0.0	-	6.2	0.0	0.0
127.0	45.0	-	431.6	-	0.0	460.3	-	3.1	0.0	-	0.0	-	0.0
127.0	50.0	-	2.6	-	0.0	0.0	-	32.2	0.0	-	0.0	0.0	0.0
127.0	55.0	-	27.6	-	0.0	0.0	-	65.3	0.0	-	0.0	-	0.0
127.0	60.0	-	32.3	-	0.0	0.0	-	77.7	0.0	-	0.0	0.0	0.0
127.0	65.0	-	5.2	-	-	0.0	-	116.8	-	-	-	-	-
127.0	70.0	-	0.0	-	-	0.0	-	3.0	-	-	-	-	-
130.0	28.0	-	156.4	-	5.3	3.6	-	0.0	321.6	-	60.1	-	2974.6
130.0	30.0	-	407.1	-	5.5	0.0	-	0.0	241.3	-	40.2	3.8	735.5
130.0	35.0	-	117.7	-	0.0	24.7	-	0.0	0.0	-	2.6	0.0	9.9
130.0	40.0	-	2.8	-	24.7	0.0	-	2.3	0.0	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	38.9	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	50.0	-	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	55.0	-	0.0	-	0.0	0.0	-	14.7	0.0	-	0.0	-	0.0
130.0	80.0	-	3.1	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
131.5	37.5	-	-	-	-	-	-	-	-	-	-	32.5	-
133.0	23.0	-	3984.1	-	1557.0	0.0	-	5.4	75.9	-	51.3	-	53.1
133.0	25.0	-	3259.1	-	174.9	2.8	-	368.5	226.8	-	73.1	160.7	1198.7
133.0	30.0	-	887.3	-	80.1	0.0	-	34.7	3.1	-	31.0	0.0	54.0
133.0	35.0	-	22.8	-	3.5	0.0	-	0.0	0.0	-	0.0	-	124.8
133.0	40.0	-	0.0	-	68.6	30.6	-	0.0	0.0	-	0.0	0.0	8.8
133.0	45.0	-	3.4	-	55.9	0.0	-	0.0	0.0	-	0.0	-	-
133.0	50.0	-	0.0	-	3.9	0.0	-	0.0	0.0	-	0.0	0.0	-
137.0	22.0	-	907.3	-	494.9	44.1	-	1221.7	8.4	-	20.4	-	4388.0
137.0	23.0	-	749.4	-	212.0	0.0	-	690.9	51.7	-	2.1	94.9	1095.7
137.0	30.0	-	853.9	-	173.5	0.0	-	0.0	0.0	-	5.3	9.3	1578.5
137.0	35.0	-	822.5	-	0.0	63.2	-	0.0	0.0	-	0.0	0.0	434.0
137.0	40.0	-	8.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	50.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0	0.0	-
137.0	55.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	-	-
140.0	30.0	-	-	-	-	-	-	-	-	-	-	11.2	-
143.0	26.0	-	-	-	-	-	-	-	-	-	-	60.2	-

Argentina sialis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
67.0	50.0	0.0	-	-	2.9	-	0.0	0.0	-	-	0.0	-	0.0
77.0	51.0	3.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.9
77.0	55.0	-	0.0	-	0.0	-	0.0	3.3	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
80.0	52.0	-	0.0	-	0.0	0.0	6.2	0.0	0.0	0.0	0.0	-	3.1
82.0	47.0	-	0.0	-	9.2	0.0	0.0	0.0	0.0	0.0	0.0	-	26.7
83.0	43.0	-	8.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.2
83.0	55.0	-	0.0	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	1.6	0.0	0.0	0.0	0.0	-	0.0
87.0	35.0	-	6.7	-	0.0	0.0	0.0	3.1	0.0	0.0	0.0	-	2.5
87.0	40.0	-	4.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	1.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	10.6	0.0	-	6.6	2.8	0.0	0.0	0.0	0.0	-	6.6
90.0	37.0	-	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	6.5	5.5	0.0	3.6	9.6	0.0	-	0.0
93.0	28.0	3.5	2.6	0.0	-	8.3	0.0	0.0	4.0	0.0	0.0	-	0.0
93.0	30.0	2.9	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
97.0	32.0	5.1	-	0.0	-	-	0.0	3.4	-	-	0.0	-	2.5
97.0	35.0	3.0	3.5	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
97.0	45.0	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	29.0	0.0	0.0	-	3.0	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Argentina sialis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	30.0	0.0	12.2	-	0.0	6.1	10.0	0.0	0.0	0.0	0.0	-	0.0
100.0	35.0	0.0	9.3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
107.0	32.0	0.0	2.5	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	33.0	-	-	-	3.0	-	-	-	-	-	-	-	-
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	6.5	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	3.3	0.0	0.0	-	3.0	3.2	0.0	0.0	-	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	2.7	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	15.0	-	0.0	5.6	0.0	0.0	0.0	3.0
117.0	35.0	0.0	-	23.5	0.0	0.0	-	7.7	18.4	0.0	0.0	0.0	4.2
117.0	40.0	0.0	-	0.0	0.0	0.0	-	3.3	2.8	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	6.2	6.5	0.0	0.0	0.0	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	3.1	0.0	3.1	0.0	-	2.6
119.0	33.0	0.0	-	0.0	0.0	0.0	-	6.2	14.6	3.1	0.0	0.0	2.7
120.0	30.0	0.0	-	0.0	6.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	35.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	-	6.6	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	9.5	0.0	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	-	0.0	-	0.0
123.0	37.0	-	0.0	-	2.5	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	45.0	0.0	-	-	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0
127.0	40.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0
137.0	30.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	35.0	-	0.0	-	0.0	3.2	-	0.0	0.0	-	0.0	0.0	0.0

Microstoma microstoma

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	80.0	-	-	-	0.0	-	0.0	6.7	-	-	0.0	-	-
70.0	53.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	3.0
70.0	65.0	0.0	-	-	0.0	-	3.2	-	-	-	-	-	-
73.0	80.0	-	-	-	0.0	-	0.0	3.3	-	-	0.0	-	-
77.0	51.0	0.0	-	-	0.0	-	3.4	0.0	-	-	0.0	-	0.0
77.0	70.0	-	-	-	0.0	-	3.0	10.1	-	-	0.0	-	0.0
80.0	60.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0	65.0	-	0.0	-	2.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	0.0	-	0.0	0.0	5.8	0.0	0.0	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	3.1
83.0	55.0	-	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Microstoma microstoma (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	70.0	-	1.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	5.8	0.0	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	3.5	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	3.4	-	3.8	3.0	0.0	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	0.0	0.0	0.0	4.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	3.2	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	-	0.0
93.0	55.0	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
93.0	60.0	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	0.0	6.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	90.0	2.6	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	-	0.0
94.0	78.0	-	-	-	-	-	-	-	-	-	2.8	-	-
97.0	35.0	0.0	0.0	0.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	0.0	-	0.0	2.9	0.0	3.1	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
100.0	50.0	0.0	2.7	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	3.3	3.5	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	40.0	0.0	0.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	45.0	3.1	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	45.0	0.0	0.0	-	7.3	0.0	-	0.0	0.0	0.0	0.0	6.0	0.0
107.0	60.0	0.0	0.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	45.0	0.0	-	0.0	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	3.5	-	0.0	0.0	0.0	0.0	-	0.0

Nansenia candida

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	-	-	50.3	-	0.0	-	-	-	-	-	-
63.0	55.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	3.2	-	0.0	0.0	-	-	0.0	-	0.0
63.0	65.0	-	-	-	8.8	-	0.0	-	-	-	-	-	-
63.0	70.0	-	-	-	19.4	-	2.9	0.0	-	-	-	-	0.0
67.0	60.0	0.0	-	-	0.0	-	3.1	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	14.9	-	3.2	-	-	-	-	-	-
67.0	70.0	-	-	-	5.9	-	0.0	0.0	-	-	0.0	-	0.0
67.0	80.0	-	-	-	0.0	-	0.0	10.0	-	-	0.0	-	-
67.0	90.0	-	-	-	-	-	9.6	0.0	-	-	0.0	-	-
70.0	60.0	0.0	-	-	3.1	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	0.0	-	-	17.3	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	12.4	-	3.2	6.2	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	12.0	-	0.0	0.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Nansenia candida (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	-	0.0	-	2.7	-	0.0	0.0	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	5.7	-	0.0	0.0	-	-	0.0	-	0.0
73.0	80.0	-	-	-	13.9	-	0.0	0.0	-	-	0.0	-	-
73.0	90.0	-	-	-	2.9	-	0.0	0.0	-	-	-	-	-
77.0	51.0	0.0	-	-	2.9	-	0.0	0.0	-	-	0.0	-	0.0
77.0	80.0	0.0	-	-	5.7	-	0.0	0.0	-	-	0.0	-	-
80.0	80.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	0.0	-	0.0	9.4	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	80.0	-	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	2.5	0.0	0.0	0.0	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	10.6	0.0	0.0	0.0	0.0	0.0	-	-
90.0	60.0	-	0.0	0.0	-	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	80.0	-	0.0	3.3	-	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	2.5	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	0.0	-	2.0	0.0	-	0.0	0.0	-	-	0.0
93.0	80.0	0.0	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	3.0	-	0.0	0.0	0.0	-	-	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	0.0

Nansenia crassa

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	28.0	0.0	0.0	0.0	-	0.0	0.0	0.0	4.0	0.0	0.0	-	0.0
97.0	32.0	0.0	-	0.0	-	-	0.0	3.4	-	-	0.0	-	0.0
97.0	70.0	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
103.0	65.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.6
107.0	60.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.8
107.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
110.0	45.0	0.0	-	0.0	0.0	6.6	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	3.5	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0
113.0	55.0	2.9	-	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0	3.2	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
120.0	55.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	60.0	2.6	-	0.0	0.0	0.0	-	0.0	0.0	-	-	-	0.0
120.0	65.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.7
120.0	70.0	3.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	45.0	6.2	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0

TABLE 4. (cont.)

Nansenia crassa (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.0
123.0	55.0	2.9	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	0.0
123.0	70.0	0.0	-	-	-	3.4	-	0.0	-	-	-	-	-
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	0.0	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.7	0.0	0.0
127.0	55.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0
127.0	65.0	-	2.6	-	-	0.0	-	0.0	-	-	-	-	-
127.0	70.0	-	3.3	-	-	0.0	-	0.0	-	-	-	-	-
130.0	45.0	-	2.8	-	3.5	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	50.0	-	3.2	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	0.0
130.0	55.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0	0.0	0.0
133.0	40.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	45.0	-	0.0	-	0.0	0.0	-	0.0	6.6	-	0.0	-	-
133.0	50.0	-	0.0	-	0.0	0.0	-	0.0	9.7	-	0.0	0.0	-
133.0	55.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	-
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
137.0	35.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	50.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
137.0	60.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
140.0	45.0	-	-	-	-	-	-	-	-	-	-	3.1	-

Bathylagus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	-	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	0.0	28.9	0.0	0.0	0.0	-	0.0
90.0	55.0	-	0.0	-	-	0.0	-	-	3.2	0.0	-	-	-
90.0	100.0	-	0.0	-	-	-	-	5.8	-	-	0.0	-	-
100.0	70.0	0.0	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	55.0	0.0	9.6	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
103.0	80.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	-	-	-	0.0
107.0	40.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	2.8	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	55.0	0.0	17.4	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	80.0	3.1	-	0.0	0.0	0.0	-	0.0	-	-	-	-	0.0
110.0	60.0	0.0	-	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	80.0	0.0	-	3.1	0.0	0.0	-	0.0	-	-	-	-	0.0
113.0	55.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
123.0	55.0	0.0	-	-	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0	0.0	0.0
130.0	80.0	-	3.1	-	-	-	-	0.0	-	-	-	-	-
133.0	35.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0

TABLE 4. (cont.)

Bathylagus milleri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	–	–	–	0.0	–	0.0	0.0	–	–	3.4	–	0.0

Bathylagus ochotensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	–	–	2.8	–	0.0	0.0	–	–	0.0	–	0.0
60.0	52.0	0.0	–	–	10.2	–	0.0	0.0	–	–	0.0	–	0.0
60.0	55.0	14.1	–	–	0.0	–	0.0	3.1	–	–	0.0	–	0.0
60.0	60.0	8.9	–	–	14.7	–	2.8	3.2	–	–	0.0	–	10.9
60.0	65.0	0.0	–	–	85.8	–	22.6	–	–	–	–	–	–
60.0	70.0	0.0	–	–	29.9	–	37.2	19.2	–	–	0.0	–	3.0
60.0	80.0	0.0	–	–	–	–	59.8	3.2	–	–	0.0	–	9.0
60.0	90.0	0.0	–	–	–	–	7.4	0.0	–	–	0.0	–	0.0
63.0	52.0	10.8	–	–	0.0	–	0.0	0.0	–	–	0.0	–	14.6
63.0	55.0	0.0	–	–	41.4	–	0.0	3.8	–	–	0.0	–	10.0
63.0	60.0	0.0	–	–	25.5	–	3.2	0.0	–	–	0.0	–	79.8
63.0	65.0	–	–	–	148.9	–	39.8	–	–	–	–	–	–
63.0	70.0	–	–	–	133.0	–	14.4	9.6	–	–	–	–	12.3
63.0	80.0	–	–	–	–	–	0.0	20.6	–	–	0.0	–	–
67.0	48.0	0.0	–	–	3.1	–	0.0	–	–	–	0.0	–	0.0
67.0	50.0	5.6	–	–	57.8	–	3.5	0.0	–	–	0.0	–	0.0
67.0	55.0	0.0	–	–	18.2	–	48.8	0.0	–	–	0.0	–	5.8
67.0	60.0	2.5	–	–	38.7	–	6.1	3.6	–	–	–	–	9.1
67.0	65.0	–	–	–	71.5	–	6.4	–	–	–	–	–	–
67.0	70.0	–	–	–	23.6	–	16.4	3.0	–	–	0.0	–	23.2
70.0	51.0	12.3	–	–	87.9	–	6.0	0.0	–	–	0.0	–	5.5
70.0	53.0	53.9	–	–	39.0	–	0.0	0.0	–	–	0.0	–	6.0
70.0	60.0	0.0	–	–	105.4	–	23.4	3.5	–	–	–	–	20.5
70.0	65.0	0.0	–	–	31.8	–	9.5	–	–	–	–	–	–
70.0	70.0	0.0	–	–	14.9	–	22.5	12.5	–	–	0.0	–	9.1
70.0	80.0	3.6	–	–	69.0	–	3.3	0.0	–	–	0.0	–	0.0
70.0	90.0	0.0	–	–	–	–	3.0	0.0	–	–	0.0	–	6.1
73.0	50.0	–	0.0	–	8.0	–	2.7	0.0	–	–	0.0	–	0.0
73.0	53.0	–	0.0	–	56.4	–	6.7	0.0	–	–	0.0	–	0.0
73.0	60.0	–	0.0	–	65.5	–	3.2	0.0	–	–	0.0	–	0.0
73.0	70.0	–	–	–	50.4	–	3.2	3.6	–	–	0.0	–	0.0
73.0	80.0	–	–	–	38.8	–	3.1	0.0	–	–	0.0	–	–
73.0	90.0	–	–	–	8.6	–	0.0	0.0	–	–	–	–	–
77.0	48.0	0.0	–	–	1.0	–	0.0	0.0	–	–	0.0	–	1.9
77.0	51.0	0.0	–	–	14.5	–	10.1	0.0	–	–	0.0	–	8.8
77.0	55.0	–	0.0	–	2.5	–	3.5	0.0	–	–	0.0	–	12.0
77.0	60.0	–	6.8	–	133.3	–	0.0	0.0	–	–	3.0	–	0.0
77.0	65.0	–	–	–	18.7	–	3.0	–	–	–	–	–	–
77.0	70.0	–	–	–	49.3	–	0.0	0.0	–	–	0.0	–	0.0
77.0	80.0	0.0	–	–	42.6	–	0.0	3.4	–	–	0.0	–	–

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	90.0	0.0	-	-	8.5	-	0.0	0.0	-	-	0.0	-	-
80.0	51.0	-	0.0	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	0.0	-	12.2	15.7	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	55.0	-	3.1	-	16.8	10.6	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	27.7	10.4	0.0	0.0	0.0	0.0	0.0	-	3.0
80.0	65.0	-	5.0	-	50.0	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	7.1	-	34.8	3.3	2.9	0.0	0.0	0.0	0.0	-	3.3
80.0	80.0	-	0.0	-	6.1	24.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	1.6	-	11.0	12.5	0.0	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	43.0	-	3.2	-	3.1	5.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	55.0	-	3.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	4.4	-	24.1	7.4	11.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	4.7	-	6.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	70.0	-	3.2	-	15.7	6.2	2.8	0.0	0.0	0.0	0.0	-	0.0
83.0	80.0	-	3.1	-	75.0	5.9	0.0	0.0	0.0	0.0	3.5	-	0.0
83.0	90.0	-	0.0	-	14.7	6.9	0.0	0.0	0.0	0.0	0.0	-	-
87.0	40.0	-	11.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	4.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	55.0	-	0.0	-	9.4	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	7.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	6.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	37.2	-	7.5	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	90.0	-	3.0	0.0	-	10.6	2.6	0.0	0.0	0.0	0.0	-	-
90.0	28.0	-	7.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	6.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	-	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	50.0	-	0.0	-	-	3.4	-	-	0.0	0.0	-	-	-
90.0	53.0	-	-	17.5	-	-	0.0	0.0	-	-	0.0	-	0.0
90.0	55.0	-	3.1	-	-	6.6	-	-	0.0	0.0	-	-	-
90.0	60.0	-	6.7	6.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	65.0	-	6.4	0.0	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	70.0	-	0.0	24.3	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0
90.0	80.0	-	0.0	23.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	0.0	-	13.4	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	0.0	2.5	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	2.9	5.7	3.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	35.0	3.0	4.5	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	40.0	0.0	6.5	2.8	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0
93.0	45.0	6.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	50.0	8.3	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	3.0	8.5	7.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	60.0	0.0	16.7	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	12.7	6.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	13.2	5.4	-	1.7	0.0	-	0.0	0.0	-	-	0.0

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	80.0	0.0	8.4	0.0	-	7.1	0.0	0.0	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	0.0	2.8	0.0	-	-	0.0	-	0.0
97.0	30.0	1.4	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	32.0	0.0	-	4.2	-	-	0.0	0.0	-	-	0.0	-	0.0
97.0	35.0	3.0	0.0	2.9	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0	40.0	3.0	0.0	2.7	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	45.0	0.0	3.2	8.9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	14.3	52.2	30.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	55.0	9.0	6.4	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	60.0	0.0	15.4	18.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	65.0	0.0	5.9	19.9	-	7.2	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	12.4	-	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	90.0	0.0	0.0	2.9	-	0.0	0.0	0.0	-	-	-	-	-
100.0	30.0	2.8	21.3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	35.0	9.6	9.3	-	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	40.0	0.0	6.2	-	5.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	50.0	0.0	23.9	-	6.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	55.0	0.0	30.4	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	40.0	0.0	9.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	45.0	0.0	3.2	-	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0
103.0	50.0	0.0	26.6	-	7.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	55.0	0.0	3.2	-	8.7	0.0	0.0	0.0	0.0	0.0	-	-	0.0
103.0	60.0	0.0	6.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	35.0	0.0	6.1	-	3.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	50.0	0.0	0.0	-	3.4	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	55.0	0.0	2.9	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	6.6	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	35.0	0.0	-	2.5	3.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	35.0	0.0	-	0.0	4.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	70.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	35.0	0.0	-	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	55.0	0.0	-	3.1	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	60.0	0.0	-	0.0	3.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0

Bathylagus pacificus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	-	-	2.4	-	0.0	0.0	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	3.0	-	0.0	-	-	-	-	-	-
63.0	55.0	0.0	-	-	5.9	-	0.0	0.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Bathylagus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	3.1
63.0	65.0	–	–	–	2.9	–	0.0	–	–	–	–	–	–
63.0	70.0	–	–	–	2.8	–	0.0	0.0	–	–	–	–	0.0
67.0	50.0	0.0	–	–	2.9	–	0.0	0.0	–	–	0.0	–	0.0
67.0	55.0	0.0	–	–	3.0	–	0.0	0.0	–	–	0.0	–	0.0
67.0	60.0	2.5	–	–	0.0	–	0.0	0.0	–	–	–	–	3.0
67.0	65.0	–	–	–	17.9	–	0.0	–	–	–	–	–	–
70.0	53.0	0.0	–	–	3.0	–	0.0	0.0	–	–	0.0	–	0.0
73.0	53.0	–	3.6	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
73.0	70.0	–	–	–	0.0	–	3.2	0.0	–	–	0.0	–	0.0
77.0	55.0	–	0.0	–	5.0	–	0.0	0.0	–	–	0.0	–	0.0
77.0	60.0	–	0.0	–	5.4	–	0.0	0.0	–	–	0.0	–	0.0
77.0	65.0	–	–	–	8.0	–	0.0	–	–	–	–	–	–
80.0	52.0	–	3.2	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
80.0	55.0	–	0.0	–	6.7	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
80.0	65.0	–	0.0	–	2.4	3.3	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	55.0	–	0.0	–	0.0	3.6	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	60.0	–	0.0	–	3.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
87.0	55.0	–	1.6	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
87.0	60.0	–	0.0	–	0.0	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0
93.0	80.0	2.9	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–	0.0

Bathylagus wesethi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	90.0	–	–	–	–	–	0.0	19.3	–	–	0.0	–	–
67.0	55.0	0.0	–	–	0.0	–	0.0	0.0	–	–	3.1	–	0.0
67.0	80.0	–	–	–	0.0	–	0.0	10.0	–	–	0.0	–	–
73.0	90.0	–	–	–	5.7	–	6.6	0.0	–	–	–	–	–
77.0	65.0	–	–	–	2.7	–	0.0	–	–	–	–	–	–
77.0	70.0	–	–	–	0.0	–	3.0	0.0	–	–	0.0	–	0.0
77.0	90.0	0.0	–	–	0.0	–	0.0	3.3	–	–	0.0	–	–
80.0	70.0	–	0.0	–	0.0	0.0	0.0	0.0	3.5	0.0	3.2	–	0.0
80.0	80.0	–	0.0	–	0.0	0.0	8.3	0.0	0.0	0.0	27.4	–	0.0
80.0	90.0	–	0.0	–	0.0	3.1	12.1	9.6	6.6	12.7	15.3	–	0.0
82.0	47.0	–	0.0	–	0.0	2.8	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	70.0	–	0.0	–	3.1	0.0	0.0	3.3	3.2	0.0	0.0	–	0.0
83.0	80.0	–	0.0	–	0.0	0.0	3.0	3.0	3.0	3.2	3.5	–	0.0
83.0	90.0	–	0.0	–	0.0	0.0	10.9	3.2	3.1	0.0	3.3	–	–
87.0	40.0	–	0.0	–	0.0	3.3	0.0	0.0	0.0	0.0	0.0	–	0.0
87.0	60.0	–	0.0	–	4.0	0.0	0.0	48.2	0.0	0.0	0.0	–	0.0
87.0	65.0	–	0.0	–	0.0	0.0	11.5	25.4	0.0	0.0	0.0	–	0.0
87.0	70.0	–	0.0	0.0	–	11.3	33.2	103.0	3.4	0.0	0.0	–	0.0
87.0	80.0	–	0.0	0.0	–	3.7	52.3	47.0	0.0	2.8	0.0	–	0.0
87.0	90.0	–	0.0	0.0	–	7.1	33.7	2.9	0.0	0.0	3.2	–	–

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 32.0	-	0.0	0.0	-	0.0	0.0	0.0	3.8	0.0	0.0	-	0.0
90.0 45.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
90.0 55.0	-	0.0	-	-	13.2	-	-	0.0	0.0	-	-	-
90.0 60.0	-	0.0	0.0	-	18.4	0.0	6.2	0.0	0.0	0.0	-	0.0
90.0 65.0	-	0.0	0.0	-	0.0	13.4	0.0	3.6	0.0	0.0	-	0.0
90.0 70.0	-	0.0	6.9	-	52.5	9.8	6.2	3.1	3.1	-	-	0.0
90.0 80.0	-	0.0	6.6	-	28.1	67.4	5.6	0.0	0.0	47.9	-	0.0
90.0 90.0	-	0.0	0.0	-	0.0	28.9	11.9	40.2	12.4	20.4	-	3.2
90.0 100.0	-	0.0	-	-	-	-	0.0	-	-	18.3	-	-
90.0 110.0	-	-	-	-	-	-	-	-	-	59.7	-	3.1
90.0 120.0	-	-	-	-	-	-	-	-	-	14.2	-	3.2
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	3.0
93.0 27.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0
93.0 28.0	0.0	0.0	0.0	-	0.0	0.0	0.0	4.0	0.0	0.0	-	0.0
93.0 30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	-	0.0
93.0 35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	6.9	0.0	3.2	-	0.0
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	3.2	0.0	-	0.0
93.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	3.0	0.0	-	0.0
93.0 50.0	0.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.1	-	0.0
93.0 65.0	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 70.0	0.0	0.0	2.7	-	0.0	0.0	-	0.0	0.0	-	-	0.0
93.0 80.0	0.0	0.0	15.1	-	19.4	6.2	6.3	3.0	0.0	-	-	0.0
93.0 90.0	0.0	0.0	0.0	-	5.8	107.3	3.0	-	-	27.5	-	2.6
93.0 100.0	-	-	-	-	23.7	-	-	-	-	18.4	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	27.5	-	3.3
93.0 120.0	-	-	-	-	-	-	-	-	-	9.3	-	6.4
94.0 78.0	-	-	-	-	-	-	-	-	-	11.0	-	-
97.0 29.0	0.0	0.0	-	0.0	0.0	0.0	6.2	2.2	0.0	0.0	-	0.0
97.0 30.0	0.0	0.0	-	0.0	0.0	0.0	12.5	0.0	0.0	0.0	-	0.0
97.0 32.0	0.0	-	0.0	-	-	0.0	57.5	-	-	0.0	-	0.0
97.0 35.0	0.0	0.0	0.0	-	0.0	-	8.1	55.1	0.0	0.0	0.0	0.0
97.0 40.0	0.0	0.0	5.5	-	0.0	0.0	0.0	36.2	0.0	2.9	-	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	9.4	9.7	11.4	0.0	0.0
97.0 50.0	0.0	0.0	2.1	-	3.2	0.0	0.0	0.0	18.0	18.4	-	0.0
97.0 55.0	0.0	0.0	0.0	-	7.8	0.0	0.0	0.0	72.5	3.8	-	0.0
97.0 60.0	0.0	0.0	3.1	-	35.2	0.0	56.4	12.1	104.6	0.0	-	0.0
97.0 65.0	0.0	0.0	0.0	-	3.6	12.0	3.1	14.6	0.0	0.0	-	0.0
97.0 70.0	0.0	0.0	0.0	-	0.0	0.0	12.5	2.9	0.0	0.0	-	0.0
97.0 80.0	0.0	2.7	29.7	-	20.5	89.6	39.9	0.0	52.9	0.0	-	0.0
97.0 90.0	0.0	2.7	11.6	-	51.3	0.0	37.0	-	-	-	-	-
100.0 29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0
100.0 30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	5.7	0.0	0.0	-	0.0
100.0 35.0	0.0	0.0	-	0.0	3.2	0.0	18.1	38.2	3.2	0.0	0.0	0.0
100.0 40.0	0.0	0.0	-	0.0	0.0	3.3	3.4	60.1	12.0	0.0	-	0.0
100.0 45.0	0.0	0.0	-	3.7	0.0	0.0	0.0	13.9	12.7	42.5	0.0	0.0
100.0 50.0	0.0	0.0	-	0.0	0.0	13.0	47.7	9.7	3.3	22.0	-	0.0

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 55.0	0.0	6.1	-	0.0	0.0	16.6	0.0	3.1	86.7	6.2	-	0.0
100.0 60.0	0.0	0.0	-	10.5	35.2	0.0	2.1	12.4	17.8	25.8	-	0.0
100.0 65.0	0.0	0.0	-	6.1	7.7	9.9	3.5	14.4	21.7	26.4	-	0.0
100.0 70.0	3.3	0.0	-	6.6	18.4	67.6	17.8	13.8	28.4	7.1	-	0.0
100.0 80.0	0.0	9.3	-	3.6	10.6	38.8	0.0	-	-	0.0	-	2.8
100.0 90.0	0.0	-	-	27.8	3.4	0.0	0.0	-	-	-	-	-
100.0 100.0	0.0	-	-	-	-	-	9.2	-	-	-	-	-
103.0 29.0	0.0	0.0	-	0.0	0.0	-	0.0	1.6	0.0	0.0	-	0.0
103.0 30.0	0.0	2.5	-	0.0	0.0	-	4.1	2.9	0.0	3.1	-	0.0
103.0 35.0	0.0	0.0	-	4.1	0.0	-	7.7	16.4	3.0	0.0	0.0	0.0
103.0 40.0	0.0	9.0	-	7.0	0.0	-	19.1	3.0	0.0	0.0	-	0.0
103.0 45.0	0.0	12.6	-	3.0	0.0	-	12.9	3.2	0.0	0.0	0.0	0.0
103.0 50.0	0.0	0.0	-	11.1	22.7	70.8	12.8	12.9	9.4	10.6	-	0.0
103.0 55.0	0.0	0.0	-	5.8	13.6	86.5	11.9	25.2	0.0	-	-	0.0
103.0 60.0	0.0	0.0	-	36.4	81.3	13.0	45.8	28.9	6.5	0.0	-	0.0
103.0 65.0	0.0	0.0	-	19.5	120.9	9.6	20.2	18.1	38.2	13.8	-	0.0
103.0 70.0	0.0	0.0	-	6.0	57.1	19.4	17.7	39.3	6.2	17.4	-	0.0
103.0 80.0	0.0	0.0	-	7.2	0.0	6.4	0.0	-	-	-	-	0.0
103.0 90.0	-	-	-	0.0	0.0	6.4	-	-	-	-	-	-
107.0 31.0	0.0	0.0	-	0.0	0.0	-	0.0	2.0	0.0	0.0	-	0.0
107.0 32.0	0.0	0.0	-	0.0	0.0	-	0.0	3.0	19.8	0.0	-	0.0
107.0 35.0	0.0	3.0	-	0.0	3.5	-	9.6	3.3	70.6	0.0	0.0	0.0
107.0 40.0	0.0	0.0	-	18.4	17.1	-	20.8	33.8	20.9	0.0	-	0.0
107.0 45.0	0.0	0.0	-	50.8	63.1	-	16.5	9.6	0.0	6.6	0.0	0.0
107.0 50.0	0.0	0.0	-	27.0	71.2	-	29.9	13.4	3.2	9.9	-	0.0
107.0 55.0	0.0	11.6	-	54.9	57.6	-	3.2	2.7	24.6	0.0	-	0.0
107.0 60.0	0.0	3.0	-	67.1	19.8	-	3.0	0.0	58.0	3.6	-	0.0
107.0 65.0	0.0	-	0.0	55.0	25.8	-	6.2	0.0	12.4	0.0	-	0.0
107.0 70.0	0.0	-	0.0	0.0	6.5	-	0.0	2.9	9.4	9.9	-	2.5
107.0 80.0	0.0	-	0.0	0.0	6.2	-	12.7	-	-	-	-	3.0
107.0 90.0	-	-	-	0.0	3.0	-	-	-	-	-	-	-
110.0 33.0	-	-	-	3.0	-	-	-	-	-	-	-	-
110.0 35.0	0.0	-	0.0	3.1	6.8	-	0.0	0.0	0.0	3.4	0.0	0.0
110.0 40.0	0.0	-	0.0	0.0	106.6	-	-	3.2	117.4	6.8	-	0.0
110.0 45.0	0.0	-	0.0	34.4	36.4	-	88.2	23.0	62.5	25.6	0.0	0.0
110.0 50.0	0.0	-	0.0	18.9	126.4	-	39.1	5.6	32.3	0.0	-	0.0
110.0 55.0	0.0	-	3.3	12.8	103.8	-	28.6	0.0	25.8	3.3	-	0.0
110.0 60.0	0.0	-	0.0	7.4	10.1	-	44.8	12.9	3.1	0.0	-	0.0
110.0 65.0	0.0	-	0.0	0.0	9.6	-	17.6	31.9	3.0	10.6	-	0.0
110.0 70.0	0.0	-	0.0	0.0	9.2	-	2.9	0.0	3.1	6.8	-	0.0
110.0 80.0	0.0	-	0.0	0.0	0.0	-	0.0	-	-	-	-	3.0
113.0 35.0	0.0	-	0.0	4.1	0.0	-	19.5	15.3	0.0	0.0	0.0	0.0
113.0 40.0	0.0	-	0.0	9.3	0.0	-	15.1	0.0	0.0	9.8	-	0.0
113.0 45.0	0.0	-	0.0	3.2	0.0	-	5.7	3.2	0.0	5.8	0.0	0.0
113.0 50.0	0.0	-	0.0	3.5	9.9	-	16.1	15.8	36.4	3.2	-	0.0
113.0 55.0	0.0	-	0.0	0.0	25.0	-	12.6	10.7	2.9	3.2	-	0.0

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	60.0	3.0	-	3.3	0.0	-	-	0.0	12.0	0.0	3.2	-	0.0
113.0	65.0	0.0	-	0.0	25.0	6.8	-	3.3	18.4	9.5	6.0	-	0.0
113.0	70.0	0.0	-	0.0	6.4	22.0	-	6.3	19.9	9.0	0.0	-	0.0
113.0	80.0	0.0	-	-	0.0	3.4	-	0.0	-	-	-	-	2.8
117.0	26.0	0.0	-	0.0	0.0	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	12.8	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	12.8	-	23.1	0.0	3.3	2.9	-	0.0
117.0	45.0	0.0	-	0.0	0.0	10.0	-	62.4	3.2	0.0	0.0	0.0	0.0
117.0	50.0	2.9	-	0.0	0.0	0.0	-	0.0	3.2	5.9	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	9.8	-	38.9	0.0	2.9	0.0	-	0.0
117.0	60.0	0.0	-	2.8	7.8	0.0	-	6.2	49.5	8.8	0.0	-	0.0
117.0	65.0	0.0	-	0.0	0.0	0.0	-	45.9	11.3	6.1	3.1	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	26.5	14.9	0.0	9.4	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	3.0	0.0	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	9.9	0.0	-	0.0	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	37.9	0.0	-	3.2	-	0.0
120.0	55.0	0.0	-	6.3	0.0	0.0	-	7.8	0.0	-	0.0	-	0.0
120.0	60.0	0.0	-	0.0	3.6	6.1	-	3.1	32.3	-	-	-	0.0
120.0	65.0	2.3	-	-	25.7	0.0	-	9.7	0.0	-	0.0	-	0.0
120.0	70.0	0.0	-	-	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0
120.0	80.0	5.8	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	6.4	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	5.3	-	-	0.0	-	0.0
123.0	45.0	0.0	-	-	3.8	0.0	-	6.0	6.4	-	5.4	-	0.0
123.0	50.0	0.0	-	-	3.4	0.0	-	27.9	6.1	-	0.0	0.0	0.0
123.0	55.0	0.0	-	-	0.0	0.0	-	2.9	15.7	-	0.0	-	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	19.3	-	0.0	0.0	0.0
123.0	80.0	2.9	-	-	-	-	-	0.0	-	-	-	-	-
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	23.6	-	0.0	0.0	0.0
127.0	50.0	-	0.0	-	0.0	9.8	-	0.0	3.1	-	2.7	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0
130.0	35.0	-	0.0	-	0.0	2.7	-	0.0	9.2	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	0.0	13.4	-	0.0	18.5	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	0.0	34.0	-	0.0	0.0	-	0.0	-	0.0
130.0	50.0	-	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0	0.0	0.0
130.0	55.0	-	0.0	-	0.0	7.0	-	8.8	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	5.6	0.0	0.0
130.0	65.0	-	-	-	-	0.0	-	2.9	-	-	-	-	-
133.0	30.0	-	0.0	-	0.0	0.0	-	0.0	12.5	-	0.0	0.0	0.0
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.5	-	0.0	-	0.0
133.0	50.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0	0.0	-
137.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.5	0.0	0.0
137.0	60.0	-	0.0	-	0.0	0.0	-	2.6	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Leuroglossus stilbius

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	-	-	0.0	-	0.0	3.1	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	5.9	-	6.5	-	-	-	-	-	-
60.0	80.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	0.0	3.6	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	8.9	-	0.0	0.0	-	-	0.0	-	5.0
63.0	60.0	0.0	-	-	3.2	-	6.5	0.0	-	-	5.7	-	0.0
63.0	65.0	-	-	-	32.1	-	0.0	-	-	-	-	-	-
63.0	70.0	-	-	-	8.3	-	0.0	0.0	-	-	-	-	0.0
67.0	50.0	0.0	-	-	14.5	-	0.0	0.0	-	-	0.0	-	0.0
67.0	55.0	5.7	-	-	6.1	-	3.0	0.0	-	-	12.5	-	0.0
67.0	58.0	-	-	-	-	-	-	-	-	-	9.5	-	-
67.0	60.0	7.6	-	-	20.9	-	0.0	7.2	-	-	-	-	3.0
67.0	65.0	-	-	-	20.9	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	51.0	27.7	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	53.0	283.1	-	-	60.0	-	21.6	0.0	-	-	3.2	-	0.0
70.0	60.0	0.0	-	-	34.1	-	40.1	0.0	-	-	-	-	3.4
70.0	65.0	0.0	-	-	2.9	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	5.0	-	0.0	0.0	-	-	0.0	-	3.0
70.0	80.0	0.0	-	-	0.0	-	3.3	0.0	-	-	3.3	-	0.0
70.0	90.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	6.1
73.0	50.0	-	2.3	-	2.7	-	0.0	2.9	-	-	0.0	-	0.0
73.0	53.0	-	46.5	-	77.2	-	10.0	3.3	-	-	5.3	-	0.0
73.0	60.0	-	6.2	-	39.9	-	3.2	3.4	-	-	0.0	-	0.0
73.0	70.0	-	-	-	8.4	-	0.0	0.0	-	-	3.0	-	0.0
73.0	80.0	-	-	-	13.9	-	0.0	0.0	-	-	3.0	-	-
73.0	90.0	-	-	-	0.0	-	13.2	0.0	-	-	-	-	-
77.0	51.0	100.4	-	-	5.8	-	3.4	0.0	-	-	0.0	-	38.0
77.0	55.0	-	176.9	-	17.6	-	0.0	0.0	-	-	0.0	-	12.0
77.0	60.0	-	194.9	-	27.2	-	6.5	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	64.1	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	-	180.8	-	0.0	0.0	-	-	0.0	-	0.0
77.0	80.0	6.5	-	-	19.9	-	0.0	6.8	-	-	0.0	-	-
77.0	90.0	6.9	-	-	0.0	-	0.0	0.0	-	-	0.0	-	-
80.0	51.0	-	4.9	-	37.7	0.0	0.0	0.0	0.0	0.0	0.0	-	42.1
80.0	52.0	-	32.0	-	42.6	15.7	0.0	0.0	0.0	0.0	3.7	-	58.5
80.0	55.0	-	82.9	-	361.8	5.3	2.9	2.7	0.0	0.0	0.0	-	6.4
80.0	60.0	-	42.7	-	70.8	20.7	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	65.0	-	26.6	-	80.9	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	8.8	-	16.1	6.6	11.6	0.0	0.0	0.0	0.0	-	3.3
80.0	80.0	-	0.0	-	0.0	92.6	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	0.0	-	2.8	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
82.0	47.0	-	14.4	-	73.7	19.3	0.0	0.0	0.0	0.0	0.0	-	145.5
83.0	40.0	-	6.1	-	0.7	0.0	0.0	-	0.0	0.0	0.0	-	8.0
83.0	43.0	-	63.8	-	55.3	20.6	0.0	0.0	0.0	0.0	0.0	-	273.5
83.0	51.0	-	17.5	-	0.0	15.5	21.8	0.0	3.5	0.0	0.0	-	11.4

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	55.0	-	37.1	-	29.3	40.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	0.0	-	141.5	36.8	22.1	3.3	0.0	0.0	0.0	-	0.0
83.0	65.0	-	1.6	-	39.1	3.4	6.1	0.0	0.0	0.0	0.0	-	0.0
83.0	70.0	-	4.9	-	3.1	0.0	17.0	0.0	3.2	0.0	0.0	-	0.0
83.0	80.0	-	13.9	-	26.1	8.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	6.9	0.0	0.0	0.0	0.0	0.0	-	-
87.0	35.0	-	169.6	-	29.6	62.1	10.8	0.0	0.0	0.0	0.0	-	7.5
87.0	40.0	-	214.1	-	35.6	32.9	8.6	0.0	0.0	0.0	0.0	-	3.7
87.0	45.0	-	122.7	-	33.0	31.8	3.0	0.0	5.5	6.6	0.0	-	17.8
87.0	50.0	-	50.3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	10.3
87.0	55.0	-	25.6	-	18.8	6.6	2.7	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	6.9	-	7.9	13.9	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	65.0	-	3.4	-	0.0	9.4	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	3.4	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	6.7	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	7.1	2.6	0.0	0.0	0.0	0.0	-	-
90.0	28.0	-	546.7	0.0	-	26.3	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	193.4	102.9	-	3.4	3.3	3.3	0.0	0.0	0.0	-	16.0
90.0	37.0	-	113.4	91.8	-	3.5	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	45.0	-	394.4	18.9	-	23.5	0.0	3.3	3.0	0.0	0.0	-	0.0
90.0	50.0	-	32.9	-	-	23.9	-	-	0.0	0.0	-	-	-
90.0	53.0	-	-	29.2	-	-	0.0	0.0	-	-	0.0	-	0.0
90.0	55.0	-	22.0	-	-	9.9	-	-	0.0	0.0	-	-	-
90.0	60.0	-	30.3	93.6	-	11.0	11.4	0.0	0.0	0.0	0.0	-	0.0
90.0	65.0	-	32.0	83.3	-	10.1	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	70.0	-	0.0	72.9	-	3.5	0.0	0.0	0.0	0.0	-	-	0.0
90.0	80.0	-	0.0	13.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	26.0	67.0	-	-	3.2	2.7	0.0	0.0	0.0	0.0	-	3.1
93.0	28.0	0.0	7.7	21.7	-	6.9	2.9	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	8.6	63.1	28.8	-	3.2	14.6	0.0	0.0	0.0	0.0	-	0.0
93.0	35.0	9.0	13.4	16.1	-	6.7	2.8	0.0	0.0	0.0	0.0	-	3.0
93.0	40.0	0.0	45.6	19.8	-	12.7	2.9	-	0.0	0.0	0.0	-	3.4
93.0	45.0	18.1	10.1	18.1	-	0.0	14.8	0.0	3.3	0.0	0.0	-	0.0
93.0	50.0	8.3	3.0	9.7	-	11.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	21.1	16.9	27.6	-	7.2	3.1	0.0	0.0	0.0	0.0	-	0.0
93.0	60.0	0.0	47.3	24.4	-	3.4	0.0	3.2	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	35.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	52.6	0.0	-	1.7	0.0	-	3.6	0.0	-	-	0.0
93.0	80.0	0.0	2.8	0.0	-	1.9	0.0	0.0	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	5.4	0.0	0.0	-	-	0.0	-	0.0
97.0	29.0	0.0	1.9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	56.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	32.0	0.0	-	180.6	-	-	0.0	0.0	-	-	0.0	-	0.0
97.0	35.0	8.9	179.0	105.5	-	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0	40.0	3.0	151.8	249.3	-	3.3	0.0	3.6	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	45.0	0.0	89.0	258.4	-	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	34.4	171.1	119.8	-	16.2	5.8	0.0	0.0	0.0	0.0	-	0.0
97.0	55.0	15.0	50.9	28.0	-	0.0	3.3	3.5	0.0	0.0	0.0	-	0.0
97.0	60.0	5.8	141.7	154.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	65.0	0.0	5.9	8.6	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	34.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	0.0	13.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	29.0	0.0	8.8	-	14.9	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	507.7	-	48.6	24.4	3.3	0.0	0.0	0.0	0.0	-	0.0
100.0	35.0	54.4	393.7	-	48.4	12.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
100.0	40.0	27.6	345.2	-	132.9	3.0	3.3	0.0	0.0	0.0	0.0	-	0.0
100.0	45.0	0.0	6.9	-	332.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	50.0	0.0	119.7	-	24.8	3.9	0.0	3.4	3.2	0.0	0.0	-	0.0
100.0	55.0	7.1	97.3	-	31.1	4.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	65.0	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	4.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	1.2	114.3	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	35.0	0.0	322.4	-	44.9	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	9.0	-	14.0	3.1	-	3.2	0.0	0.0	0.0	-	0.0
103.0	45.0	0.0	3.2	-	30.5	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	50.0	3.3	6.6	-	55.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	55.0	0.0	12.8	-	5.8	3.4	0.0	0.0	0.0	0.0	-	-	0.0
103.0	60.0	0.0	6.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	32.0	3.3	68.3	-	25.4	0.0	-	3.0	0.0	0.0	0.0	-	0.0
107.0	35.0	9.7	158.6	-	98.3	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	44.8	-	3.7	3.4	-	0.0	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	5.6	-	18.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	6.3	-	16.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	55.0	0.0	2.9	-	3.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	6.4	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	33.0	-	-	-	62.4	-	-	-	-	-	-	-	-
110.0	35.0	0.0	-	128.4	823.1	6.8	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	35.1	90.5	0.0	-	-	0.0	0.0	0.0	-	0.0
110.0	45.0	0.0	-	158.2	6.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	136.8	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	3.3	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	65.0	0.0	-	6.5	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	30.0	0.0	-	0.0	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	35.0	0.0	-	3.2	48.7	58.4	-	3.3	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	142.8	12.4	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	26.0	0.0	10.2	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	2.8	3.5	3.3	-	0.0	0.0	0.0	0.0	-	0.0
113.0	55.0	0.0	-	6.5	5.2	3.1	-	0.0	0.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	12.5	0.0	-	0.0	0.0	3.2	0.0	-	0.0
113.0	70.0	0.0	-	0.0	6.4	0.0	-	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	30.0	0.0	-	8.0	3.8	3.0	-	5.2	0.0	0.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	66.2	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	40.0	5.3	-	3.5	17.9	9.6	-	0.0	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	30.1	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	18.6	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	55.0	0.0	-	3.1	15.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
118.0	39.0	-	-	-	0.0	6.7	-	0.0	0.0	0.0	0.0	-	0.0
120.0	30.0	0.0	-	0.0	6.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	45.0	0.0	-	0.0	6.4	25.8	-	0.0	0.0	-	0.0	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0
123.0	37.0	-	0.0	-	2.5	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	3.3	-	-	3.2	-	-	0.0	-
123.0	45.0	0.0	-	-	0.0	17.0	-	0.0	0.0	-	0.0	-	0.0
123.0	60.0	3.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	40.0	-	5.1	-	11.0	3.3	-	0.0	3.0	-	0.0	0.0	0.0
127.0	45.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0
127.0	80.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-
130.0	35.0	-	2.9	-	3.3	8.2	-	0.0	0.0	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	-	0.0
133.0	30.0	-	0.0	-	17.2	3.5	-	0.0	0.0	-	0.0	0.0	5.7
133.0	35.0	-	3.3	-	3.5	0.0	-	0.0	0.0	-	0.0	-	0.0
133.0	40.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	30.0	-	9.6	-	4.1	13.6	-	0.0	0.0	-	0.0	0.0	5.4
137.0	35.0	-	2.8	-	0.0	3.2	-	0.0	0.0	-	0.0	0.0	0.0

Stomiiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	90.0	0.0	0.0	3.0	-	0.0	0.0	0.0	-	-	0.0	-	0.0
93.0	120.0	-	-	-	-	-	-	-	-	-	6.2	-	0.0
107.0	55.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
118.0	39.0	-	-	-	0.0	6.7	-	0.0	0.0	0.0	0.0	-	0.0
127.0	45.0	-	0.0	-	0.0	0.0	-	0.0	2.6	-	0.0	-	0.0
153.0	60.0	-	-	-	-	-	-	-	-	-	-	3.0	-

Gonostomatidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	-	-	3.2	-	0.0	0.0	-	-	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	35.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
113.0	35.0	0.0	-	0.0	8.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Gonostomatidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0 65.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	3.2	-	0.0
120.0 70.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	3.3	-	0.0
137.0 55.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	-	-

Cyclothone spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	2.9	-	2.4
63.0 80.0	-	-	-	-	-	0.0	0.0	-	-	6.0	-	-
63.0 90.0	-	-	-	-	-	0.0	0.0	-	-	3.3	-	-
67.0 80.0	-	-	-	0.0	-	0.0	10.0	-	-	3.4	-	-
67.0 90.0	-	-	-	-	-	0.0	3.5	-	-	9.8	-	-
70.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	32.7	-	3.1
70.0 100.0	7.7	-	-	-	-	-	-	-	-	-	-	-
74.0 91.0	-	-	-	-	-	-	-	-	-	6.5	-	-
77.0 65.0	-	-	-	0.0	-	3.0	-	-	-	-	-	-
77.0 90.0	0.0	-	-	0.0	-	3.1	0.0	-	-	0.0	-	-
80.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	6.2	0.0	-	0.0
80.0 70.0	-	0.0	-	0.0	0.0	0.0	0.0	3.5	0.0	3.2	-	13.0
80.0 80.0	-	0.0	-	0.0	0.0	0.0	0.0	6.6	12.9	0.0	-	0.0
80.0 90.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	15.3	-	9.1
80.0 100.0	-	1.4	-	-	-	-	-	-	-	-	-	-
83.0 60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.3
83.0 70.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9
83.0 80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	9.7	3.5	-	0.0
83.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	9.9	-	-
87.0 60.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
87.0 70.0	-	0.0	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0	-	3.0
87.0 80.0	-	0.0	0.0	-	0.0	2.5	0.0	3.2	0.0	0.0	-	0.0
87.0 90.0	-	0.0	0.0	-	0.0	0.0	0.0	6.4	3.0	0.0	-	-
90.0 28.0	-	0.0	0.0	-	6.6	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 32.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.2
90.0 45.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	2.8	-	0.0
90.0 55.0	-	0.0	-	-	0.0	-	-	3.2	0.0	-	-	-
90.0 65.0	-	6.4	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
90.0 70.0	-	0.0	6.9	-	0.0	0.0	0.0	0.0	0.0	-	-	9.8
90.0 80.0	-	3.0	0.0	-	3.5	0.0	0.0	6.4	0.0	60.6	-	9.1
90.0 90.0	-	0.0	14.8	-	0.0	0.0	3.0	23.4	0.0	2.9	-	0.0
90.0 97.0	-	-	-	-	-	-	-	-	-	-	-	2.5
90.0 100.0	-	3.4	-	-	-	-	2.9	-	-	0.0	-	-
90.0 110.0	-	-	-	-	-	-	-	-	-	12.6	-	15.4
90.0 120.0	-	-	-	-	-	-	-	-	-	144.8	-	3.2
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	57.6
90.0 140.0	-	-	-	-	-	-	-	-	-	-	-	6.2
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.2	-	0.0

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	12.2	0.0	–	3.2
93.0 50.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	15.1	–	0.0
93.0 55.0	0.0	11.3	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
93.0 60.0	3.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	3.3
93.0 65.0	2.9	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	7.1
93.0 70.0	0.0	0.0	5.4	–	0.0	0.0	–	0.0	0.0	–	–	3.3
93.0 80.0	5.9	0.0	0.0	–	10.8	3.1	0.0	0.0	0.0	–	–	0.0
93.0 90.0	51.4	0.0	3.0	–	0.0	0.0	3.0	–	–	30.6	–	0.0
93.0 100.0	–	–	–	–	10.2	–	–	–	–	15.3	–	0.0
93.0 120.0	–	–	–	–	–	–	–	–	–	62.2	–	32.2
93.0 130.0	–	–	–	–	–	–	–	–	–	–	–	41.6
94.0 78.0	–	–	–	–	–	–	–	–	–	19.3	–	–
94.0 139.0	–	–	–	–	–	–	–	–	–	–	–	18.0
97.0 30.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.0
97.0 35.0	0.0	0.0	0.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	2.5
97.0 40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	6.0	0.0	2.9	–	2.8
97.0 45.0	0.0	0.0	3.0	–	0.0	0.0	0.0	0.0	68.0	4.3	5.9	2.5
97.0 50.0	5.7	0.0	2.1	–	0.0	0.0	0.0	0.0	27.0	4.1	–	2.7
97.0 55.0	0.0	3.2	0.0	–	0.0	0.0	0.0	0.0	45.3	0.0	–	2.5
97.0 60.0	0.0	3.1	6.2	–	0.0	3.7	0.0	3.0	13.1	0.0	–	0.0
97.0 65.0	3.0	3.0	2.8	–	3.6	0.0	0.0	8.8	0.0	0.0	–	0.0
97.0 70.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.9	0.0	0.0	–	2.7
97.0 80.0	0.0	16.4	19.8	–	10.3	2.9	14.3	5.6	17.6	0.0	–	5.5
97.0 90.0	15.4	2.7	5.8	–	0.0	3.0	55.4	–	–	–	–	–
100.0 35.0	3.2	0.0	–	0.0	0.0	0.0	0.0	19.1	0.0	0.0	0.0	0.0
100.0 40.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0	0.0	–	2.5
100.0 45.0	6.5	0.0	–	0.0	0.0	0.0	0.0	0.0	6.4	31.1	0.0	0.0
100.0 50.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	9.4	–	2.8
100.0 55.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	47.8	15.5	–	2.3
100.0 60.0	0.0	0.0	–	3.5	0.0	0.0	0.0	0.0	8.9	45.2	–	0.0
100.0 65.0	14.5	10.5	–	6.1	0.0	0.0	0.0	0.0	27.9	55.7	–	0.0
100.0 70.0	42.9	0.0	–	3.3	11.0	6.4	17.8	19.3	25.3	7.1	–	3.0
100.0 80.0	14.7	52.9	–	75.6	60.0	3.2	14.4	–	–	61.6	–	2.8
100.0 90.0	11.7	–	–	52.2	23.9	17.0	48.7	–	–	–	–	–
100.0 100.0	9.0	–	–	–	–	–	6.2	–	–	–	–	–
103.0 29.0	1.1	0.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
103.0 30.0	0.0	2.5	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
103.0 35.0	0.0	12.5	–	0.0	0.0	–	0.0	3.3	0.0	0.0	3.2	0.0
103.0 40.0	0.0	50.8	–	7.0	0.0	–	0.0	3.0	6.5	0.0	–	0.0
103.0 45.0	3.1	6.3	–	0.0	0.0	–	1.5	0.0	0.0	3.4	0.0	0.0
103.0 50.0	3.3	10.0	–	0.0	0.0	16.9	6.4	0.0	25.0	14.1	–	0.0
103.0 55.0	3.0	12.8	–	2.9	0.0	20.8	8.9	0.0	3.1	–	–	0.0
103.0 60.0	0.0	0.0	–	6.1	3.3	16.3	65.4	16.1	13.1	0.0	–	0.0
103.0 65.0	15.1	12.2	–	19.5	12.4	22.5	17.7	42.3	9.5	17.3	–	2.5
103.0 70.0	5.9	12.6	–	6.0	50.7	3.2	26.6	45.3	31.2	37.7	–	10.5
103.0 80.0	42.7	73.6	–	25.3	25.1	19.3	0.0	–	–	–	–	64.6

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	90.0	-	-	-	42.1	19.0	22.5	-	-	-	-	-	-
107.0	31.0	0.0	1.4	-	0.0	0.0	-	0.0	2.0	0.0	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	9.9	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	6.7	2.9	2.5	2.9	0.0
107.0	40.0	0.0	3.0	-	3.7	0.0	-	0.0	0.0	6.0	0.0	-	0.0
107.0	45.0	0.0	2.8	-	21.8	23.2	-	8.3	0.0	0.0	0.0	15.1	2.4
107.0	50.0	0.0	3.1	-	13.5	7.1	-	29.9	3.3	6.3	3.3	-	7.6
107.0	55.0	49.2	34.8	-	18.3	33.9	-	80.5	21.7	6.2	3.8	-	2.1
107.0	60.0	42.6	18.0	-	21.2	59.4	-	18.1	37.4	82.3	3.6	-	0.0
107.0	65.0	0.0	-	19.8	15.7	115.9	-	21.8	20.9	37.2	7.2	-	2.8
107.0	70.0	41.9	-	9.3	36.9	9.7	-	5.6	17.3	31.2	13.2	-	0.0
107.0	80.0	9.2	-	3.1	0.0	18.5	-	34.9	-	-	-	-	26.6
107.0	90.0	-	-	-	17.2	6.0	-	-	-	-	-	-	-
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	4.0	2.2	0.0	-	0.0
110.0	40.0	0.0	-	0.0	0.0	13.3	-	-	0.0	3.3	0.0	-	0.0
110.0	45.0	0.0	-	8.8	24.1	49.6	-	28.4	11.5	23.0	9.6	0.0	2.8
110.0	50.0	3.0	-	34.2	0.0	63.2	-	7.8	25.2	12.9	3.2	-	0.0
110.0	55.0	0.0	-	45.8	0.0	48.4	-	47.7	20.9	42.0	3.3	-	0.0
110.0	60.0	11.9	-	26.0	3.7	3.4	-	38.9	93.4	27.6	25.0	-	0.0
110.0	65.0	30.6	-	13.0	3.5	6.4	-	8.8	51.0	15.1	113.0	-	0.0
110.0	70.0	16.7	-	0.0	0.0	9.2	-	2.9	47.8	43.1	88.4	-	2.9
110.0	80.0	3.1	-	0.0	6.3	3.2	-	3.2	-	-	-	-	54.2
110.0	90.0	14.1	-	-	19.3	9.5	-	-	-	-	-	-	-
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	18.4	3.2	0.0	0.0	0.0
113.0	40.0	3.2	-	3.3	3.1	0.0	-	0.0	9.5	9.5	3.3	-	0.0
113.0	45.0	3.0	-	8.7	0.0	0.0	-	0.0	0.0	3.0	52.4	13.9	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	6.3	12.1	9.5	-	21.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	6.3	18.7	8.7	6.4	-	0.0
113.0	60.0	9.0	-	3.3	0.0	-	-	49.0	29.9	5.6	12.9	-	0.0
113.0	65.0	13.4	-	0.0	25.0	6.8	-	35.8	11.0	15.9	39.0	-	2.8
113.0	70.0	3.0	-	0.0	12.7	9.4	-	12.6	33.2	24.0	67.4	-	2.9
113.0	80.0	0.0	-	-	0.0	3.4	-	0.0	-	-	-	-	17.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	2.8	0.0	3.1	2.7	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	0.0	2.5	8.1	0.0
117.0	40.0	5.3	-	0.0	0.0	0.0	-	0.0	0.0	9.8	17.3	-	0.0
117.0	45.0	0.0	-	3.2	0.0	0.0	-	6.2	0.0	25.9	11.2	2.7	0.0
117.0	50.0	8.8	-	0.0	0.0	2.9	-	0.0	0.0	0.0	31.3	-	0.0
117.0	55.0	0.0	-	3.1	15.0	9.8	-	35.6	0.0	0.0	9.7	-	0.0
117.0	60.0	0.0	-	2.8	27.2	6.5	-	27.8	85.8	8.8	0.0	-	43.8
117.0	65.0	0.0	-	6.3	0.0	0.0	-	16.4	19.8	6.1	15.4	-	13.9
117.0	70.0	0.0	-	0.0	3.2	0.0	-	3.3	53.5	9.0	12.5	-	2.6
117.0	80.0	0.0	-	-	0.0	3.1	-	0.0	-	-	-	-	5.6
118.0	39.0	-	-	-	0.0	0.0	-	6.2	0.0	15.4	0.0	-	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.8	2.6	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	2.1	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	3.7	-	3.3	0.0	-	3.3	3.0	0.0

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	50.0	0.0	-	6.5	0.0	3.0	-	0.0	0.0	-	3.2	-	0.0
120.0	55.0	22.9	-	6.3	0.0	34.9	-	0.0	0.0	-	0.0	-	2.6
120.0	60.0	5.2	-	5.8	14.4	0.0	-	3.1	45.2	-	-	-	21.8
120.0	65.0	4.7	-	-	29.4	6.7	-	0.0	0.0	-	0.0	-	18.7
120.0	70.0	12.1	-	-	2.8	3.4	-	0.0	46.1	-	0.0	-	0.0
120.0	80.0	0.0	-	-	0.0	3.3	-	2.9	-	-	-	-	5.7
120.0	90.0	2.7	-	-	-	-	-	-	-	-	-	-	-
123.0	36.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	1.9	-	0.0
123.0	37.0	-	0.0	-	0.0	0.0	-	1.8	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	6.4	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	18.5	-	-	27.7	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	3.0	0.0	-	43.5	-	0.0
123.0	50.0	0.0	-	-	10.3	13.4	-	6.2	3.1	-	81.3	3.0	3.0
123.0	55.0	0.0	-	-	0.0	13.1	-	0.0	28.3	-	86.2	-	30.8
123.0	60.0	3.0	-	-	0.0	3.3	-	5.6	9.6	-	40.9	25.9	21.5
123.0	65.0	0.0	-	-	-	3.2	-	2.8	-	-	-	-	-
123.0	70.0	7.6	-	-	-	0.0	-	0.0	-	-	-	-	-
123.0	80.0	20.1	-	-	-	-	-	4.9	-	-	-	-	-
127.0	40.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0	0.0	0.0
127.0	45.0	-	0.0	-	0.0	0.0	-	0.0	7.8	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	3.3	-	0.0	15.7	-	8.1	2.8	0.0
127.0	55.0	-	3.1	-	0.0	26.7	-	0.0	6.3	-	6.3	-	2.7
127.0	60.0	-	2.9	-	0.0	7.3	-	0.0	3.0	-	2.7	0.0	0.0
127.0	65.0	-	5.2	-	-	3.4	-	0.0	-	-	-	-	-
127.0	70.0	-	0.0	-	-	6.6	-	9.1	-	-	-	-	-
127.0	75.0	-	20.5	-	-	-	-	-	-	-	-	-	-
127.0	80.0	-	0.0	-	-	-	-	5.4	-	-	-	-	-
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	6.1	-	0.0	0.0	0.0
130.0	40.0	-	2.8	-	0.0	16.7	-	0.0	37.0	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	0.0	51.0	-	10.4	19.3	-	0.0	-	0.0
130.0	50.0	-	3.2	-	7.1	7.1	-	0.0	31.9	-	0.0	0.0	3.1
130.0	55.0	-	0.0	-	3.0	3.5	-	5.9	8.6	-	0.0	-	0.0
130.0	60.0	-	2.9	-	0.0	0.0	-	8.4	20.5	-	25.1	0.0	0.0
130.0	70.0	-	9.7	-	-	0.0	-	10.6	-	-	-	-	-
130.0	80.0	-	3.1	-	-	-	-	8.1	-	-	-	-	-
130.0	90.0	-	9.7	-	-	-	-	15.6	-	-	-	-	-
133.0	30.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
133.0	35.0	-	0.0	-	3.5	0.0	-	0.0	7.0	-	0.0	-	0.0
133.0	40.0	-	0.0	-	0.0	0.0	-	5.7	13.4	-	0.0	0.0	0.0
133.0	45.0	-	0.0	-	0.0	6.8	-	2.9	3.3	-	0.0	-	-
133.0	50.0	-	0.0	-	0.0	13.6	-	5.7	0.0	-	0.0	0.0	-
133.0	55.0	-	0.0	-	3.8	3.4	-	2.8	0.0	-	2.6	-	-
133.0	60.0	-	5.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
137.0	23.0	-	2.0	-	0.0	0.0	-	2.7	0.0	-	0.0	0.0	0.0
137.0	30.0	-	0.0	-	4.1	0.0	-	5.7	3.1	-	0.0	0.0	0.0
137.0	35.0	-	0.0	-	3.3	0.0	-	0.0	6.2	-	0.0	0.0	0.0

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	40.0	-	0.0	-	3.9	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	45.0	-	0.0	-	0.0	14.1	-	-	2.8	-	0.0	-	-
137.0	50.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	0.0	0.0	-
137.0	55.0	-	0.0	-	7.5	0.0	-	2.8	0.0	-	0.0	-	-
137.0	60.0	-	0.0	-	0.0	0.0	-	10.4	0.0	-	0.0	0.0	-
140.0	60.0	-	-	-	-	-	-	-	-	-	-	3.1	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	5.9	-
143.0	40.0	-	-	-	-	-	-	-	-	-	-	3.1	-
143.0	60.0	-	-	-	-	-	-	-	-	-	-	9.5	-
150.0	30.0	-	-	-	-	-	-	-	-	-	-	6.3	-
150.0	50.0	-	-	-	-	-	-	-	-	-	-	5.9	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	6.2	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	32.0	-

Diplophos taenia

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.7	-	0.0
123.0	55.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	9.2	-	0.0
140.0	60.0	-	-	-	-	-	-	-	-	-	-	3.1	-
147.0	25.0	-	-	-	-	-	-	-	-	-	-	21.0	-
147.0	50.0	-	-	-	-	-	-	-	-	-	-	6.0	-
147.0	60.0	-	-	-	-	-	-	-	-	-	-	3.0	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	9.2	-
153.0	30.0	-	-	-	-	-	-	-	-	-	-	9.1	-
153.0	40.0	-	-	-	-	-	-	-	-	-	-	11.6	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	8.7	-
153.0	60.0	-	-	-	-	-	-	-	-	-	-	9.1	-

Ichthyococcus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0	0.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	0.0	-	1.7	0.0	0.0	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
103.0	90.0	-	-	-	0.0	0.0	3.2	-	-	-	-	-	-
107.0	40.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	-	0.0
110.0	40.0	3.1	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	-	0.0
110.0	50.0	0.0	-	3.4	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	3.4	-	3.0	3.2	0.0	0.0	-	0.0

TABLE 4. (cont.)

Ichthyococcus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0 70.0	2.8	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0 90.0	0.0	-	-	3.9	0.0	-	-	-	-	-	-	-
113.0 55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
113.0 60.0	0.0	-	0.0	0.0	-	-	0.0	3.0	0.0	3.2	-	0.0
113.0 65.0	3.3	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0 80.0	0.0	-	-	0.0	3.4	-	0.0	-	-	-	-	0.0
117.0 55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
120.0 45.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	-	0.0	0.0	0.0
120.0 60.0	0.0	-	0.0	3.6	0.0	-	0.0	0.0	-	-	-	0.0
120.0 70.0	3.0	-	-	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0
123.0 50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.0
123.0 60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.9	3.2	0.0
127.0 50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.7	0.0	0.0
130.0 50.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	0.0
130.0 60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.8	0.0	0.0

Vinciguerria lucetia

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 100.0	2.6	-	-	-	-	-	-	-	-	-	-	-
80.0 55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.7	-	0.0
80.0 60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	6.4	0.0	-	0.0
80.0 70.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	9.5	25.7	-	0.0
80.0 80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	12.9	24.0	-	0.0
80.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	57.1	178.8	-	0.0
83.0 51.0	-	1.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	6.5
83.0 70.0	-	1.5	-	0.0	0.0	0.0	0.0	0.0	0.0	3.7	-	0.0
83.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	46.3	-	-
87.0 35.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 60.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	6.8
87.0 70.0	-	0.0	3.4	-	0.0	0.0	3.0	0.0	0.0	0.0	-	9.0
87.0 80.0	-	0.0	0.0	-	0.0	2.5	2.9	0.0	0.0	0.0	-	0.0
87.0 90.0	-	3.0	0.0	-	0.0	0.0	0.0	3.2	6.1	0.0	-	-
90.0 28.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
90.0 37.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.7	-	0.0
90.0 45.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	6.4	0.0	-	9.8
90.0 53.0	-	-	0.0	-	-	0.0	0.0	-	-	0.0	-	9.6
90.0 60.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	5.7
90.0 65.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	48.6
90.0 70.0	-	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	55.4
90.0 80.0	-	0.0	0.0	-	0.0	5.6	0.0	6.4	0.0	290.3	-	75.5
90.0 90.0	-	0.0	0.0	-	0.0	0.0	6.0	30.1	0.0	46.6	-	6.4
90.0 97.0	-	-	-	-	-	-	-	-	-	-	-	15.2
90.0 100.0	-	0.0	-	-	-	-	5.8	-	-	45.8	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 110.0	-	-	-	-	-	-	-	-	-	417.6	-	30.8
90.0 120.0	-	-	-	-	-	-	-	-	-	1865.9	-	69.3
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	115.1
90.0 140.0	-	-	-	-	-	-	-	-	-	-	-	6.2
93.0 28.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
93.0 30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	-	0.0
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	19.0	165.9	-	0.0
93.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	240.2	31.2	-	19.1
93.0 50.0	0.0	0.0	0.0	-	0.0	0.0	3.2	3.5	3.3	48.5	-	6.1
93.0 55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	2.9	-	3.2
93.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0
93.0 65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	9.8	2.9	-	24.8
93.0 70.0	0.0	3.3	0.0	-	0.0	0.0	-	0.0	3.1	-	-	111.2
93.0 80.0	0.0	0.0	0.0	-	1.9	0.0	0.0	0.0	0.0	-	-	110.5
93.0 90.0	7.7	0.0	0.0	-	0.0	0.0	6.1	-	-	581.4	-	23.7
93.0 100.0	-	-	-	-	0.0	-	-	-	-	376.4	-	25.6
93.0 110.0	-	-	-	-	-	-	-	-	-	70.4	-	32.6
93.0 120.0	-	-	-	-	-	-	-	-	-	998.3	-	151.3
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	28.6
94.0 78.0	-	-	-	-	-	-	-	-	-	332.8	-	-
94.0 139.0	-	-	-	-	-	-	-	-	-	-	-	18.0
97.0 30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	10.8	2.7	0.0	-	0.0
97.0 32.0	0.0	-	0.0	-	-	0.0	0.0	-	-	3.0	-	0.0
97.0 35.0	0.0	0.0	0.0	-	0.0	-	5.4	42.8	0.0	3.5	0.0	5.1
97.0 40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	30.2	3.4	2.9	-	25.0
97.0 45.0	3.0	0.0	0.0	-	0.0	0.0	0.0	6.3	349.9	201.6	0.0	94.0
97.0 50.0	2.9	0.0	0.0	-	0.0	0.0	3.3	0.0	177.0	144.8	-	24.6
97.0 55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	688.6	34.6	-	9.8
97.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	30.3	55.6	29.4	-	28.5
97.0 65.0	0.0	0.0	0.0	-	0.0	0.0	3.1	111.0	3.3	6.0	-	10.6
97.0 70.0	0.0	0.0	0.0	-	0.0	0.0	3.1	43.5	12.6	6.8	-	64.8
97.0 80.0	0.0	5.5	0.0	-	13.7	5.8	51.3	172.4	341.0	0.0	-	54.6
97.0 90.0	2.6	2.7	2.9	-	0.0	48.6	1096.5	-	-	-	-	-
100.0 29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0
100.0 30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	8.6	0.0	0.0	-	0.0
100.0 35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	22.3	35.3	3.2	0.0	0.0
100.0 40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	22.9	39.0	34.4	-	4.9
100.0 45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	53.0	98.6	602.8	8.5	13.7
100.0 50.0	5.9	0.0	-	0.0	0.0	0.0	3.4	29.2	3.3	157.0	-	58.4
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	9.4	454.5	316.2	-	23.0
100.0 60.0	0.0	0.0	-	7.0	0.0	0.0	0.0	27.9	245.7	400.5	-	18.3
100.0 65.0	5.8	3.5	-	0.0	0.0	0.0	0.0	241.9	505.3	671.0	-	2.6
100.0 70.0	13.2	0.0	-	0.0	3.7	29.0	14.2	214.5	859.5	488.5	-	11.9
100.0 80.0	14.7	37.3	-	93.6	127.1	42.0	195.8	-	-	1178.8	-	11.2
100.0 90.0	2.9	-	-	24.4	167.1	237.3	348.0	-	-	-	-	-
100.0 100.0	12.0	-	-	-	-	-	49.3	-	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.5
103.0	40.0	0.0	9.0	-	3.5	0.0	-	0.0	6.0	26.2	65.8	-	0.0
103.0	45.0	3.1	3.2	-	0.0	0.0	-	0.0	0.0	6.2	20.6	3.0	0.0
103.0	50.0	3.3	0.0	-	3.7	0.0	13.5	22.4	99.8	78.3	66.9	-	0.0
103.0	55.0	3.0	3.2	-	2.9	3.4	100.3	47.5	116.6	18.5	-	-	5.4
103.0	60.0	0.0	0.0	-	18.2	3.3	329.3	179.9	115.6	320.5	9.4	-	7.6
103.0	65.0	0.0	15.3	-	25.0	3.1	115.6	194.8	1066.1	273.5	151.8	-	15.3
103.0	70.0	11.8	19.0	-	9.0	72.9	149.0	374.6	1005.7	1135.7	896.1	-	47.2
103.0	80.0	67.1	19.2	-	39.7	103.6	1024.0	113.2	-	-	-	-	433.1
103.0	90.0	-	-	-	210.6	111.0	670.9	-	-	-	-	-	-
107.0	31.0	0.0	0.0	-	0.0	2.0	-	0.0	0.0	5.1	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	33.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	6.7	123.5	20.2	8.7	0.0
107.0	40.0	0.0	0.0	-	7.3	0.0	-	0.0	132.0	35.9	57.2	-	7.5
107.0	45.0	3.1	0.0	-	3.6	39.8	-	66.0	0.0	0.0	157.9	108.4	4.7
107.0	50.0	0.0	6.3	-	3.4	24.9	-	382.7	465.6	3.2	102.3	-	54.8
107.0	55.0	59.0	0.0	-	25.6	17.0	-	814.7	303.5	15.4	0.0	-	64.5
107.0	60.0	39.5	6.0	-	63.5	141.9	-	93.3	371.3	1012.6	7.1	-	33.2
107.0	65.0	8.4	-	19.8	59.0	83.7	-	340.1	619.8	3003.9	29.0	-	25.2
107.0	70.0	53.8	-	15.4	7.4	42.1	-	94.5	343.9	976.6	370.7	-	2.5
107.0	80.0	6.2	-	12.2	23.7	24.7	-	320.2	-	-	-	-	257.5
107.0	90.0	-	-	-	48.8	60.2	-	-	-	-	-	-	-
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	58.6	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	32.3	19.2	13.6	6.3	0.0
110.0	40.0	0.0	-	0.0	7.5	20.0	-	-	0.0	260.8	74.4	-	0.0
110.0	41.0	-	-	-	-	-	-	2.6	-	-	-	-	-
110.0	45.0	0.0	-	0.0	6.9	39.7	-	185.9	236.2	408.0	134.4	0.0	55.0
110.0	50.0	3.0	-	0.0	0.0	84.2	-	101.8	582.4	642.8	0.0	-	3.0
110.0	55.0	8.5	-	16.4	0.0	72.7	-	515.2	447.0	633.1	23.4	-	2.5
110.0	60.0	8.9	-	14.5	0.0	6.8	-	750.5	1294.4	1369.2	461.8	-	5.3
110.0	65.0	30.6	-	6.5	3.5	12.8	-	261.7	1544.0	1174.8	991.9	-	11.4
110.0	70.0	58.4	-	0.0	3.6	18.4	-	31.7	1414.3	625.2	1125.4	-	5.8
110.0	80.0	3.1	-	0.0	28.3	89.3	-	102.1	-	-	-	-	463.5
110.0	90.0	16.9	-	-	65.6	221.9	-	-	-	-	-	-	-
113.0	29.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.5	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.7	0.0	0.0
113.0	35.0	3.1	-	0.0	0.0	0.0	-	0.0	146.9	71.3	3.2	19.6	0.0
113.0	40.0	0.0	-	0.0	3.1	0.0	-	3.0	223.7	532.6	78.2	-	14.2
113.0	45.0	3.0	-	5.8	6.3	0.0	-	0.0	22.2	27.3	925.4	83.4	12.3
113.0	50.0	0.0	-	0.0	7.0	3.3	-	12.9	132.3	957.5	143.1	-	83.8
113.0	55.0	11.6	-	0.0	0.0	18.7	-	62.8	304.4	506.3	124.8	-	44.2
113.0	60.0	33.1	-	0.0	0.0	-	-	317.2	654.8	148.4	658.9	-	0.0
113.0	65.0	13.4	-	3.3	12.5	3.4	-	815.8	1086.3	324.4	417.0	-	19.6
113.0	70.0	9.0	-	3.6	0.0	12.6	-	255.2	395.1	1764.0	595.7	-	17.3
113.0	80.0	12.2	-	-	11.9	61.0	-	66.8	-	-	-	-	71.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	2.5	0.0	0.0	2.7	0.0

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0
117.0	35.0	5.7	-	0.0	0.0	0.0	-	5.1	0.0	65.4	27.0	86.4	2.1
117.0	40.0	10.6	-	0.0	0.0	0.0	-	6.6	0.0	160.2	560.7	-	40.8
117.0	45.0	6.5	-	0.0	0.0	0.0	-	9.4	0.0	236.5	181.3	38.4	2.5
117.0	50.0	14.7	-	0.0	3.1	2.9	-	3.1	38.9	164.6	324.9	-	0.0
117.0	55.0	0.0	-	0.0	18.7	55.6	-	184.7	21.1	138.2	258.4	-	2.8
117.0	60.0	0.0	-	2.8	89.5	6.5	-	296.6	1042.8	97.0	9.6	-	257.0
117.0	65.0	14.6	-	43.8	5.1	0.0	-	272.2	452.8	198.3	89.6	-	172.4
117.0	70.0	18.1	-	13.8	47.4	0.0	-	59.6	2224.5	48.0	406.9	-	47.2
117.0	80.0	0.0	-	-	14.3	21.5	-	46.3	-	-	-	-	39.5
118.0	39.0	-	-	-	0.0	0.0	-	27.8	0.0	265.7	13.4	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	21.6	36.4	0.0	5.5
120.0	24.0	0.0	-	1.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.6	0.0	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	15.7	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	10.4	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	54.3	0.0	-	0.0
120.0	45.0	35.2	-	0.0	0.0	0.0	-	9.9	31.5	-	16.5	0.0	0.0
120.0	50.0	26.9	-	3.3	0.0	41.4	-	9.5	8.6	-	38.6	-	5.5
120.0	55.0	68.6	-	15.7	9.2	55.8	-	5.2	12.8	-	9.8	-	99.6
120.0	60.0	70.7	-	5.8	75.8	42.6	-	111.6	1376.0	-	-	-	245.7
120.0	65.0	37.4	-	-	84.4	117.6	-	206.1	0.0	-	22.1	-	520.7
120.0	70.0	160.1	-	-	28.4	223.6	-	42.0	884.2	-	9.8	-	60.8
120.0	80.0	34.6	-	-	14.0	262.3	-	117.3	-	-	-	-	116.0
120.0	90.0	5.4	-	-	-	-	-	-	-	-	-	-	-
123.0	36.0	0.0	-	-	0.0	0.0	-	1.4	2.8	-	0.0	-	0.0
123.0	37.0	-	2.9	-	0.0	0.0	-	15.8	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	28.8	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	567.6	-	-	351.1	-	0.0
123.0	45.0	12.4	-	-	0.0	0.0	-	65.8	12.8	-	981.9	-	18.4
123.0	50.0	39.3	-	-	10.3	57.1	-	285.2	55.3	-	948.2	152.5	109.5
123.0	55.0	20.3	-	-	0.0	55.6	-	202.9	866.6	-	1013.3	-	163.2
123.0	60.0	36.2	-	-	3.4	69.3	-	243.6	520.0	-	1054.1	272.2	419.6
123.0	65.0	42.6	-	-	-	25.6	-	115.9	-	-	-	-	-
123.0	70.0	96.5	-	-	-	58.1	-	63.6	-	-	-	-	-
123.0	80.0	37.3	-	-	-	-	-	668.9	-	-	-	-	-
125.0	35.5	-	-	-	-	-	-	-	-	-	-	2.8	-
127.0	33.0	-	2.2	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	34.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.6
127.0	40.0	-	38.1	-	0.0	3.3	-	146.0	26.6	-	3.1	6.6	11.4
127.0	45.0	-	9.8	-	2.6	0.0	-	97.0	785.2	-	12.1	-	0.0
127.0	50.0	-	5.3	-	0.0	104.6	-	25.8	288.9	-	103.0	121.8	0.0
127.0	55.0	-	107.4	-	0.0	63.5	-	103.4	113.8	-	59.7	-	21.5
127.0	60.0	-	64.7	-	9.0	116.2	-	48.2	23.7	-	81.9	95.1	27.6
127.0	65.0	-	62.9	-	-	162.2	-	42.8	-	-	-	-	-
127.0	70.0	-	26.1	-	-	59.8	-	105.7	-	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	75.0	-	23.9	-	-	-	-	-	-	-	-	-	-
127.0	80.0	-	16.2	-	-	-	-	661.7	-	-	-	-	-
130.0	35.0	-	34.4	-	50.0	2.7	-	3.1	125.9	-	0.0	6.5	0.0
130.0	40.0	-	22.6	-	0.0	33.4	-	18.4	554.4	-	0.0	93.3	0.0
130.0	45.0	-	44.2	-	14.2	136.0	-	286.0	860.3	-	29.4	-	15.3
130.0	50.0	-	57.6	-	95.3	35.7	-	352.8	1521.6	-	5.9	39.8	21.6
130.0	55.0	-	6.4	-	56.0	558.4	-	229.3	462.1	-	53.0	-	13.2
130.0	60.0	-	44.0	-	18.2	14.0	-	269.8	814.5	-	304.1	9.0	5.7
130.0	65.0	-	-	-	-	83.5	-	272.6	-	-	-	-	-
130.0	70.0	-	12.9	-	-	335.3	-	426.7	-	-	-	-	-
130.0	80.0	-	71.3	-	-	-	-	642.3	-	-	-	-	-
130.0	90.0	-	0.0	-	-	-	-	57.2	-	-	-	-	-
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	2.8	-	0.0	-	0.0
133.0	25.0	-	6.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	30.0	-	22.8	-	0.0	0.0	-	0.0	302.6	-	0.0	9.3	0.0
133.0	35.0	-	104.0	-	7.0	6.5	-	14.8	224.0	-	79.0	-	2.6
133.0	40.0	-	6.1	-	14.3	0.0	-	31.5	930.7	-	15.1	9.7	2.9
133.0	45.0	-	511.5	-	0.0	10.2	-	0.0	509.9	-	5.5	-	-
133.0	50.0	-	25.3	-	7.9	85.0	-	31.6	193.2	-	56.3	0.0	-
133.0	55.0	-	6.0	-	19.0	65.2	-	344.0	19.1	-	57.6	-	-
133.0	60.0	-	17.8	-	17.5	24.5	-	294.9	130.7	-	55.9	0.0	-
137.0	22.0	-	0.0	-	2.3	0.0	-	2.1	0.0	-	0.0	-	2.0
137.0	23.0	-	4.0	-	0.0	0.0	-	35.4	0.0	-	0.0	2.8	0.0
137.0	30.0	-	138.0	-	4.1	0.0	-	183.0	494.4	-	10.5	0.0	0.0
137.0	35.0	-	850.1	-	13.1	0.0	-	5.5	485.2	-	208.3	9.8	0.0
137.0	40.0	-	32.8	-	35.4	10.7	-	4.9	274.2	-	15.5	54.1	23.8
137.0	45.0	-	79.1	-	21.1	7.0	-	-	603.5	-	51.3	-	-
137.0	50.0	-	33.9	-	25.1	78.2	-	5.9	97.0	-	11.0	283.2	-
137.0	55.0	-	34.8	-	63.8	18.2	-	8.4	269.3	-	20.0	-	-
137.0	60.0	-	30.3	-	18.3	16.5	-	124.8	1407.4	-	51.9	56.2	-
140.0	30.0	-	-	-	-	-	-	-	-	-	-	2.8	-
140.0	45.0	-	-	-	-	-	-	-	-	-	-	9.4	-
140.0	50.0	-	-	-	-	-	-	-	-	-	-	6.4	-
140.0	60.0	-	-	-	-	-	-	-	-	-	-	330.5	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	32.3	-
143.0	35.0	-	-	-	-	-	-	-	-	-	-	6.0	-
143.0	40.0	-	-	-	-	-	-	-	-	-	-	91.8	-
143.0	50.0	-	-	-	-	-	-	-	-	-	-	122.2	-
143.0	60.0	-	-	-	-	-	-	-	-	-	-	25.3	-
144.5	23.0	-	-	-	-	-	-	-	-	-	-	8.8	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	66.2	-
147.0	25.0	-	-	-	-	-	-	-	-	-	-	171.0	-
147.0	30.0	-	-	-	-	-	-	-	-	-	-	139.9	-
147.0	40.0	-	-	-	-	-	-	-	-	-	-	9.9	-
147.0	50.0	-	-	-	-	-	-	-	-	-	-	38.7	-
147.0	60.0	-	-	-	-	-	-	-	-	-	-	244.0	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 19.0	-	-	-	-	-	-	-	-	-	-	23.1	-
150.0 25.0	-	-	-	-	-	-	-	-	-	-	47.7	-
150.0 30.0	-	-	-	-	-	-	-	-	-	-	47.0	-
150.0 40.0	-	-	-	-	-	-	-	-	-	-	12.9	-
150.0 50.0	-	-	-	-	-	-	-	-	-	-	50.5	-
150.0 60.0	-	-	-	-	-	-	-	-	-	-	184.8	-
153.0 16.0	-	-	-	-	-	-	-	-	-	-	18.4	-
153.0 20.0	-	-	-	-	-	-	-	-	-	-	175.8	-
153.0 30.0	-	-	-	-	-	-	-	-	-	-	6.0	-
153.0 40.0	-	-	-	-	-	-	-	-	-	-	52.4	-
153.0 50.0	-	-	-	-	-	-	-	-	-	-	186.2	-
153.0 60.0	-	-	-	-	-	-	-	-	-	-	832.6	-

Vinciguerria poweriae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 120.0	-	-	-	-	-	-	-	-	-	2.8	-	0.0
90.0 140.0	-	-	-	-	-	-	-	-	-	-	-	3.1
93.0 90.0	0.0	0.0	0.0	-	1.9	0.0	0.0	-	-	0.0	-	0.0
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	7.8
94.0 139.0	-	-	-	-	-	-	-	-	-	-	-	9.0
100.0 80.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	-	0.0	-	0.0

Sternoptychidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 55.0	2.8	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	2.9	-	0.0
73.0 70.0	-	-	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
77.0 55.0	-	3.0	-	0.0	-	0.0	0.0	-	-	3.1	-	0.0
80.0 51.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
80.0 52.0	-	1.6	-	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
80.0 55.0	-	0.0	-	6.7	0.0	0.0	0.0	0.0	0.0	7.5	-	3.2
80.0 65.0	-	1.7	-	2.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 70.0	-	0.0	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 90.0	-	1.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
82.0 47.0	-	1.6	-	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	3.0
83.0 43.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 60.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.3
83.0 80.0	-	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
87.0 35.0	-	0.0	-	0.0	3.5	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 45.0	-	1.9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 60.0	-	0.0	-	4.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 28.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.3
90.0 32.0	-	0.0	2.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 70.0	-	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	-	-	0.0
90.0 97.0	-	-	-	-	-	-	-	-	-	-	-	2.5
90.0 100.0	-	0.0	-	-	-	-	2.9	-	-	0.0	-	-
90.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
90.0 120.0	-	-	-	-	-	-	-	-	-	5.7	-	0.0
93.0 27.0	0.0	0.0	-	-	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0
93.0 30.0	2.9	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	-	0.0
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	3.4	0.0	0.0	-	3.4
93.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.1	3.1	-	0.0
93.0 50.0	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	3.3	0.0	-	0.0
93.0 90.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	3.1	-	5.3
93.0 100.0	-	-	-	-	0.0	-	-	-	-	3.1	-	2.8
93.0 120.0	-	-	-	-	-	-	-	-	-	6.2	-	6.4
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	2.6
97.0 32.0	0.0	-	0.0	-	-	6.7	0.0	-	-	0.0	-	0.0
97.0 35.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	3.3	0.0	2.8	0.0
97.0 40.0	0.0	3.5	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
97.0 45.0	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
97.0 55.0	0.0	3.2	0.0	-	3.9	0.0	0.0	0.0	6.0	0.0	-	0.0
97.0 60.0	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 65.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0 70.0	0.0	3.2	0.0	-	3.6	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0 80.0	0.0	0.0	6.6	-	0.0	0.0	2.8	0.0	2.9	0.0	-	0.0
97.0 90.0	0.0	0.0	0.0	-	0.0	3.0	0.0	-	-	-	-	-
100.0 29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0
100.0 30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0
100.0 35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
100.0 45.0	0.0	0.0	-	3.7	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
100.0 50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
100.0 70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	7.1	-	0.0
100.0 80.0	0.0	9.3	-	3.6	10.6	0.0	0.0	-	-	0.0	-	0.0
100.0 90.0	2.9	-	-	7.0	3.4	0.0	0.0	-	-	-	-	-
103.0 35.0	0.0	3.1	-	4.1	0.0	-	0.0	0.0	0.0	0.0	6.3	0.0
103.0 40.0	0.0	0.0	-	0.0	0.0	-	1.6	0.0	0.0	0.0	-	0.0
103.0 45.0	6.2	0.0	-	0.0	0.0	-	0.0	0.0	3.1	3.4	0.0	0.0
103.0 50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	10.6	-	0.0
103.0 55.0	3.0	0.0	-	0.0	0.0	3.5	0.0	0.0	0.0	-	-	0.0
103.0 60.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	3.3	0.0	-	0.0
103.0 65.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 70.0	3.0	0.0	-	0.0	6.3	6.5	0.0	0.0	0.0	0.0	-	0.0
103.0 80.0	6.1	3.2	-	0.0	0.0	0.0	0.0	-	-	-	-	0.0
107.0 32.0	0.0	0.0	-	0.0	3.3	-	3.0	6.1	0.0	3.3	-	0.0
107.0 35.0	0.0	0.0	-	3.4	0.0	-	3.2	0.0	5.9	2.5	0.0	0.0

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	40.0	0.0	0.0	-	0.0	3.4	-	0.0	0.0	0.0	0.0	-	2.5
107.0	45.0	0.0	0.0	-	0.0	3.3	-	2.8	0.0	0.0	0.0	3.0	0.0
107.0	50.0	0.0	0.0	-	0.0	10.7	-	6.0	0.0	0.0	9.9	-	0.0
107.0	55.0	3.3	0.0	-	0.0	0.0	-	3.2	0.0	3.1	0.0	-	0.0
107.0	60.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
107.0	70.0	9.0	-	0.0	0.0	0.0	-	2.8	0.0	0.0	0.0	-	5.1
107.0	80.0	0.0	-	0.0	0.0	0.0	-	3.2	-	-	-	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	3.2	3.4	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	6.7	-	-	6.3	3.3	3.4	-	2.9
110.0	45.0	2.7	-	0.0	0.0	13.2	-	0.0	0.0	0.0	3.2	2.9	0.0
110.0	50.0	3.0	-	0.0	0.0	3.5	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	6.4	0.0	3.2	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	3.0	0.0	6.1	3.1	-	2.7
110.0	65.0	2.8	-	0.0	0.0	0.0	-	0.0	0.0	0.0	7.1	-	2.8
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.9
110.0	80.0	0.0	-	0.0	0.0	0.0	-	0.0	-	-	-	-	6.0
113.0	35.0	0.0	-	0.0	0.0	5.6	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	0.0	0.0
113.0	55.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	0.0	16.0	-	0.0
113.0	65.0	3.3	-	0.0	0.0	0.0	-	0.0	3.7	12.7	3.0	-	0.0
113.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	2.8
117.0	40.0	0.0	-	3.5	0.0	19.1	-	0.0	0.0	0.0	0.0	-	0.0
117.0	45.0	3.2	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0
117.0	50.0	5.9	-	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	55.0	3.2	-	3.1	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
117.0	60.0	0.0	-	0.0	3.9	0.0	-	0.0	3.3	5.9	0.0	-	0.0
117.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.6
117.0	70.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	3.1	-	0.0
118.0	39.0	-	-	-	0.0	3.3	-	0.0	0.0	0.0	0.0	-	0.0
120.0	45.0	2.7	-	0.0	0.0	0.0	-	3.3	0.0	-	0.0	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	6.3	0.0	-	3.2	-	0.0
120.0	55.0	2.9	-	0.0	0.0	0.0	-	2.6	0.0	-	0.0	-	2.6
120.0	60.0	0.0	-	0.0	3.6	3.0	-	0.0	0.0	-	-	-	0.0
120.0	65.0	2.3	-	-	0.0	0.0	-	0.0	0.0	-	6.3	-	0.0
120.0	70.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	9.8	-	0.0
120.0	80.0	2.9	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
120.0	90.0	2.7	-	-	-	-	-	-	-	-	-	-	-
123.0	40.0	0.0	-	-	-	0.0	-	-	16.0	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	0.0	-	-	3.1	-	0.0
123.0	45.0	3.1	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
123.0	50.0	6.0	-	-	0.0	0.0	-	9.3	0.0	-	6.0	0.0	0.0
123.0	55.0	0.0	-	-	0.0	0.0	-	5.9	0.0	-	0.0	-	3.1
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.9	3.2	0.0
123.0	70.0	2.5	-	-	-	0.0	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	80.0	2.9	–	–	–	–	–	0.0	–	–	–	–	–
127.0	40.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	6.2	0.0	0.0
127.0	45.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	6.0	–	0.0
127.0	50.0	–	5.3	–	0.0	3.3	–	0.0	0.0	–	2.7	0.0	0.0
127.0	55.0	–	3.1	–	0.0	0.0	–	0.0	3.2	–	0.0	–	0.0
127.0	60.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	5.5
127.0	75.0	–	3.4	–	–	–	–	–	–	–	–	–	–
130.0	40.0	–	8.5	–	0.0	3.3	–	0.0	0.0	–	0.0	0.0	0.0
130.0	45.0	–	5.5	–	0.0	13.6	–	0.0	0.0	–	0.0	–	0.0
130.0	50.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	5.9	6.1	0.0
130.0	55.0	–	6.4	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0
130.0	60.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.8	0.0	0.0
130.0	70.0	–	3.2	–	–	0.0	–	0.0	–	–	–	–	–
130.0	80.0	–	6.2	–	–	–	–	0.0	–	–	–	–	–
130.0	90.0	–	0.0	–	–	–	–	2.6	–	–	–	–	–
133.0	30.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.1	0.0
133.0	35.0	–	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0
133.0	40.0	–	9.2	–	2.9	0.0	–	0.0	13.4	–	3.0	3.2	0.0
133.0	45.0	–	6.8	–	0.0	0.0	–	0.0	0.0	–	2.8	–	–
133.0	50.0	–	0.0	–	0.0	0.0	–	0.0	3.2	–	2.7	3.0	–
133.0	55.0	–	0.0	–	3.8	0.0	–	0.0	0.0	–	0.0	–	–
133.0	60.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	2.7	3.1	–
137.0	35.0	–	0.0	–	0.0	3.2	–	0.0	0.0	–	0.0	0.0	0.0
137.0	45.0	–	2.9	–	0.0	0.0	–	–	0.0	–	0.0	–	–
137.0	60.0	–	3.0	–	0.0	3.3	–	0.0	0.0	–	0.0	8.9	–
140.0	40.0	–	–	–	–	–	–	–	–	–	–	3.0	–
140.0	45.0	–	–	–	–	–	–	–	–	–	–	3.1	–
143.0	40.0	–	–	–	–	–	–	–	–	–	–	3.1	–
143.0	60.0	–	–	–	–	–	–	–	–	–	–	6.3	–
150.0	30.0	–	–	–	–	–	–	–	–	–	–	3.1	–
153.0	50.0	–	–	–	–	–	–	–	–	–	–	2.9	–

Chauliodus macouni

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	3.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	5.5
60.0	65.0	0.0	–	–	0.0	–	6.5	–	–	–	–	–	–
60.0	70.0	0.0	–	–	0.0	–	4.1	3.2	–	–	0.0	–	0.0
60.0	80.0	0.0	–	–	–	–	6.0	0.0	–	–	5.0	–	0.0
60.0	90.0	0.0	–	–	–	–	0.0	3.6	–	–	2.9	–	0.0
63.0	60.0	0.0	–	–	3.2	–	3.2	0.0	–	–	0.0	–	3.1
63.0	65.0	–	–	–	0.0	–	2.8	–	–	–	–	–	–
63.0	70.0	–	–	–	0.0	–	2.9	9.6	–	–	–	–	6.1
63.0	80.0	–	–	–	–	–	0.0	3.4	–	–	8.9	–	–
63.0	90.0	–	–	–	–	–	0.0	3.2	–	–	0.0	–	–

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.1	-	0.0
67.0 70.0	-	-	-	0.0	-	0.0	0.0	-	-	6.8	-	0.0
67.0 80.0	-	-	-	0.0	-	0.0	6.7	-	-	3.4	-	-
67.0 90.0	-	-	-	-	-	9.6	0.0	-	-	6.5	-	-
70.0 53.0	3.4	-	-	0.0	-	3.1	3.8	-	-	0.0	-	0.0
70.0 60.0	0.0	-	-	6.2	-	0.0	0.0	-	-	-	-	0.0
70.0 65.0	0.0	-	-	5.8	-	3.2	-	-	-	-	-	-
70.0 70.0	0.0	-	-	2.5	-	0.0	6.2	-	-	0.0	-	0.0
70.0 80.0	0.0	-	-	6.0	-	0.0	3.3	-	-	6.6	-	0.0
70.0 90.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	3.1
70.0 100.0	2.6	-	-	-	-	-	-	-	-	-	-	-
73.0 53.0	-	0.0	-	0.0	-	3.3	0.0	-	-	0.0	-	6.0
73.0 60.0	-	0.0	-	2.8	-	3.2	0.0	-	-	0.0	-	0.0
73.0 70.0	-	-	-	5.6	-	0.0	0.0	-	-	0.0	-	0.0
73.0 80.0	-	-	-	2.8	-	0.0	0.0	-	-	6.1	-	-
73.0 90.0	-	-	-	0.0	-	3.3	3.1	-	-	-	-	-
77.0 51.0	0.0	-	-	0.0	-	3.4	0.0	-	-	0.0	-	0.0
77.0 55.0	-	0.0	-	0.0	-	0.0	0.0	-	-	6.2	-	0.0
77.0 60.0	-	0.0	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
77.0 65.0	-	-	-	0.0	-	12.2	-	-	-	-	-	-
77.0 70.0	-	-	-	2.7	-	0.0	3.4	-	-	3.2	-	3.0
77.0 80.0	0.0	-	-	5.7	-	3.3	3.4	-	-	6.0	-	-
80.0 52.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.4	0.0	-	0.0
80.0 55.0	-	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	3.4	-	3.0
80.0 70.0	-	0.0	-	0.0	3.3	2.9	0.0	3.5	3.2	0.0	-	0.0
80.0 80.0	-	0.0	-	0.0	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
80.0 100.0	-	1.4	-	-	-	-	-	-	-	-	-	-
83.0 55.0	-	0.0	-	0.0	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 60.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
83.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	6.3	3.2	0.0	-	0.0
83.0 70.0	-	1.5	-	0.0	0.0	0.0	3.3	0.0	3.0	0.0	-	0.0
83.0 80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
87.0 45.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
87.0 55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0
87.0 60.0	-	0.0	-	0.0	3.5	2.9	0.0	0.0	0.0	0.0	-	0.0
87.0 65.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	3.1	3.1	-	0.0
87.0 70.0	-	0.0	10.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 80.0	-	5.9	0.0	-	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 90.0	-	0.0	0.0	-	3.5	2.6	0.0	6.4	0.0	0.0	-	-
90.0 53.0	-	-	0.0	-	-	8.7	0.0	-	-	0.0	-	0.0
90.0 55.0	-	0.0	-	-	3.3	-	-	0.0	0.0	-	-	-
90.0 60.0	-	0.0	3.1	-	3.7	0.0	0.0	3.5	0.0	3.0	-	0.0
90.0 65.0	-	0.0	0.0	-	3.4	0.0	0.0	0.0	3.3	0.0	-	0.0
90.0 70.0	-	3.3	3.5	-	0.0	0.0	0.0	0.0	6.2	-	-	0.0

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	80.0	-	0.0	0.0	-	0.0	0.0	2.8	9.6	0.0	3.2	-	0.0
90.0	90.0	-	0.0	0.0	-	10.0	2.9	3.0	0.0	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.1
93.0	30.0	0.0	0.0	0.0	-	1.5	0.0	0.0	3.4	0.0	0.0	-	0.0
93.0	40.0	0.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0
93.0	45.0	0.0	0.0	0.0	-	0.0	0.0	6.3	0.0	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
93.0	55.0	3.0	2.8	2.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	0.0	3.2	-	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	6.1	-	-	0.0
93.0	80.0	2.9	0.0	0.0	-	7.1	0.0	3.2	0.0	3.2	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	3.7	0.0	0.0	-	-	0.0	-	0.0
94.0	78.0	-	-	-	-	-	-	-	-	-	5.5	-	-
97.0	32.0	0.0	-	0.0	-	-	0.0	3.4	-	-	0.0	-	0.0
97.0	35.0	0.0	0.0	2.9	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8
97.0	50.0	5.7	2.9	2.1	-	0.0	0.0	0.0	3.1	6.0	2.0	-	0.0
97.0	55.0	0.0	0.0	0.0	-	0.0	6.6	0.0	0.0	0.0	0.0	-	0.0
97.0	60.0	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	65.0	0.0	0.0	0.0	-	7.2	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	90.0	0.0	0.0	2.9	-	0.0	0.0	0.0	-	-	-	-	-
100.0	35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	2.5
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.4	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	3.1	3.0	0.0	0.0	0.0	0.0	0.0
100.0	50.0	0.0	2.7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	55.0	0.0	0.0	-	0.0	4.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	3.5	3.9	0.0	0.0	3.1	0.0	0.0	-	0.0
100.0	65.0	2.9	0.0	-	3.1	0.0	3.3	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	0.0	-	2.8
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	3.7	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	55.0	0.0	0.0	-	0.0	0.0	3.5	0.0	0.0	0.0	-	-	0.0
107.0	45.0	0.0	2.8	-	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	55.0	0.0	0.0	-	3.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
110.0	55.0	2.8	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	35.0	0.0	-	0.0	0.0	5.6	-	3.3	0.0	0.0	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	65.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	3.2	-	0.0

TABLE 4. (cont.)

Idiacanthus antrostomus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	3.3	-	0.0
80.0 70.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	3.2	-	0.0
83.0 70.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9
83.0 80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	9.7	0.0	-	0.0
83.0 90.0	-	0.0	-	2.9	0.0	0.0	0.0	0.0	0.0	13.2	-	-
87.0 33.0	-	1.6	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 60.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	3.4	-	0.0
87.0 65.0	-	0.0	-	3.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 70.0	-	3.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 70.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	-	-	3.3
90.0 80.0	-	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	3.2	-	12.1
90.0 90.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
90.0 120.0	-	-	-	-	-	-	-	-	-	11.4	-	0.0
93.0 65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
93.0 90.0	0.0	0.0	0.0	-	0.0	2.8	0.0	-	-	15.3	-	0.0
93.0 100.0	-	-	-	-	0.0	-	-	-	-	12.2	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
93.0 120.0	-	-	-	-	-	-	-	-	-	6.2	-	0.0
97.0 35.0	0.0	0.0	0.0	-	0.0	-	0.0	9.2	0.0	0.0	0.0	0.0
97.0 50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
97.0 55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.5
97.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	3.3	-	0.0
97.0 70.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0 80.0	0.0	0.0	0.0	-	0.0	14.5	11.4	0.0	2.9	0.0	-	2.7
97.0 90.0	0.0	0.0	0.0	-	0.0	0.0	12.3	-	-	-	-	-
100.0 35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
100.0 40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	6.9	-	0.0
100.0 45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	2.8	0.0	0.0
100.0 50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	3.1	-	0.0
100.0 60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0 65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	2.9	-	0.0
100.0 70.0	3.3	0.0	-	0.0	0.0	6.4	3.6	2.8	3.2	0.0	-	3.0
100.0 80.0	0.0	0.0	-	0.0	0.0	0.0	2.9	-	-	0.0	-	0.0
100.0 100.0	0.0	-	-	-	-	-	3.1	-	-	-	-	-
103.0 40.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	3.9	-	0.0
103.0 45.0	0.0	3.2	-	0.0	0.0	-	1.5	0.0	0.0	0.0	0.0	0.0
103.0 55.0	0.0	0.0	-	0.0	0.0	3.5	0.0	0.0	0.0	-	-	0.0
103.0 60.0	0.0	0.0	-	0.0	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
103.0 65.0	0.0	0.0	-	0.0	0.0	0.0	7.6	0.0	0.0	0.0	-	0.0
103.0 70.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0
107.0 32.0	0.0	0.0	-	0.0	0.0	-	3.0	0.0	0.0	0.0	-	0.0
107.0 55.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.1
107.0 60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	3.6	-	0.0
107.0 70.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	0.0
110.0 55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0

TABLE 4. (cont.)

Idiacanthus antrostomus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0 55.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.8
113.0 80.0	0.0	–	–	0.0	0.0	–	0.0	–	–	–	–	2.8
117.0 40.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	5.8	–	0.0
117.0 70.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	3.1	–	0.0
130.0 90.0	–	0.0	–	–	–	–	2.6	–	–	–	–	–

Aristostomias scintillans

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 80.0	0.0	–	–	–	–	0.0	0.0	–	–	2.5	–	0.0
93.0 100.0	–	–	–	–	0.0	–	–	–	–	3.1	–	0.0
93.0 120.0	–	–	–	–	–	–	–	–	–	0.0	–	3.2
100.0 45.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
100.0 80.0	0.0	0.0	–	3.6	0.0	3.2	0.0	–	–	0.0	–	0.0
100.0 90.0	2.9	–	–	0.0	0.0	0.0	0.0	–	–	–	–	–
107.0 60.0	0.0	0.0	–	7.1	0.0	–	0.0	0.0	0.0	0.0	–	0.0
107.0 65.0	2.8	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
107.0 90.0	–	–	–	2.9	0.0	–	–	–	–	–	–	–
110.0 55.0	0.0	–	0.0	0.0	3.5	–	0.0	0.0	0.0	0.0	–	0.0
123.0 80.0	2.9	–	–	–	–	–	0.0	–	–	–	–	–

Bathophilus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 30.0	–	–	–	–	–	–	–	–	–	–	3.1	–
150.0 60.0	–	–	–	–	–	–	–	–	–	–	6.2	–
153.0 40.0	–	–	–	–	–	–	–	–	–	–	2.9	–
153.0 50.0	–	–	–	–	–	–	–	–	–	–	2.9	–
153.0 60.0	–	–	–	–	–	–	–	–	–	–	3.0	–

Photonectes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 90.0	–	–	–	–	–	3.2	0.0	–	–	0.0	–	–
70.0 90.0	0.0	–	–	–	–	3.0	0.0	–	–	0.0	–	0.0
83.0 80.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.5
97.0 80.0	0.0	0.0	0.0	–	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0

Tactostoma macropus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 80.0	0.0	–	–	–	–	0.0	6.5	–	–	0.0	–	0.0

TABLE 4. (cont.)

Tactostoma macropus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 80.0	-	-	-	-	-	0.0	20.6	-	-	0.0	-	-
63.0 90.0	-	-	-	-	-	0.0	12.9	-	-	0.0	-	-
67.0 70.0	-	-	-	0.0	-	0.0	12.2	-	-	0.0	-	0.0
67.0 80.0	-	-	-	0.0	-	0.0	13.4	-	-	3.4	-	-
70.0 70.0	0.0	-	-	0.0	-	0.0	6.2	-	-	0.0	-	0.0
70.0 90.0	0.0	-	-	-	-	0.0	6.8	-	-	3.3	-	0.0
73.0 80.0	-	-	-	0.0	-	0.0	3.3	-	-	0.0	-	-
74.0 91.0	-	-	-	-	-	-	-	-	-	3.3	-	-
80.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.2	-	0.0
83.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
83.0 70.0	-	0.0	-	0.0	0.0	0.0	0.0	3.2	3.0	0.0	-	0.0
117.0 55.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0

Stomias atriventer

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 80.0	-	-	-	0.0	-	3.3	0.0	-	-	0.0	-	-
80.0 55.0	-	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 45.0	-	1.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 60.0	-	0.0	-	0.0	0.0	0.0	6.4	0.0	0.0	0.0	-	0.0
87.0 80.0	-	0.0	0.0	-	0.0	2.5	0.0	0.0	0.0	0.0	-	0.0
90.0 60.0	-	3.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 70.0	-	0.0	0.0	-	3.5	3.3	0.0	0.0	0.0	-	-	0.0
90.0 80.0	-	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 90.0	-	6.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 100.0	-	6.7	-	-	-	-	0.0	-	-	0.0	-	-
93.0 30.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
93.0 35.0	3.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 45.0	3.0	3.4	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
93.0 50.0	0.0	5.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 60.0	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
93.0 80.0	0.0	0.0	0.0	-	1.9	0.0	0.0	0.0	0.0	-	-	0.0
93.0 90.0	2.6	0.0	0.0	-	0.0	0.0	0.0	-	-	3.1	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
97.0 32.0	0.0	-	0.0	-	-	0.0	6.8	-	-	0.0	-	0.0
97.0 35.0	0.0	0.0	2.9	-	0.0	-	2.7	6.1	0.0	0.0	0.0	0.0
97.0 40.0	0.0	3.5	0.0	-	0.0	0.0	3.6	6.0	0.0	0.0	-	0.0
97.0 50.0	0.0	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 55.0	0.0	0.0	0.0	-	3.9	0.0	0.0	0.0	3.0	0.0	-	0.0
97.0 60.0	0.0	6.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 65.0	0.0	5.9	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
97.0 70.0	3.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 80.0	0.0	11.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 90.0	2.6	19.0	2.9	-	3.4	0.0	0.0	-	-	-	-	-
100.0 35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	8.6	6.0	0.0	-	0.0
100.0	45.0	0.0	13.7	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
100.0	50.0	0.0	8.0	-	0.0	0.0	3.3	0.0	0.0	3.3	0.0	-	0.0
100.0	55.0	0.0	6.1	-	3.1	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	3.5	0.0	0.0	0.0	9.3	0.0	9.7	-	0.0
100.0	65.0	0.0	24.6	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	16.5	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0	7.1	-	0.0
100.0	80.0	11.0	6.2	-	0.0	3.5	0.0	0.0	-	-	0.0	-	0.0
100.0	90.0	2.9	-	-	3.5	0.0	0.0	0.0	-	-	-	-	-
100.0	100.0	3.0	-	-	-	-	-	0.0	-	-	-	-	-
103.0	29.0	0.0	0.0	-	0.0	0.0	-	0.0	4.7	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
103.0	35.0	0.0	6.3	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	6.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	45.0	3.1	12.6	-	0.0	0.0	-	0.0	3.2	3.1	0.0	0.0	0.0
103.0	50.0	3.3	6.6	-	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
103.0	55.0	8.9	16.0	-	0.0	0.0	6.9	0.0	0.0	0.0	-	-	0.0
103.0	60.0	2.7	3.3	-	3.0	0.0	0.0	0.0	0.0	6.5	0.0	-	0.0
103.0	65.0	3.0	15.3	-	0.0	18.6	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	70.0	3.0	6.3	-	3.0	6.3	0.0	3.0	0.0	0.0	0.0	-	0.0
103.0	80.0	9.1	6.4	-	0.0	0.0	0.0	0.0	-	-	-	-	0.0
107.0	31.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	5.1	0.0	-	0.0
107.0	32.0	0.0	2.5	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0
107.0	40.0	0.0	3.0	-	3.7	0.0	-	0.0	9.2	3.0	0.0	-	0.0
107.0	45.0	0.0	2.8	-	0.0	3.3	-	0.0	0.0	3.1	0.0	0.0	0.0
107.0	50.0	0.0	12.5	-	0.0	0.0	-	0.0	10.1	0.0	0.0	-	0.0
107.0	55.0	0.0	8.7	-	3.7	0.0	-	0.0	0.0	15.4	0.0	-	0.0
107.0	60.0	6.1	27.0	-	7.1	0.0	-	0.0	0.0	3.0	0.0	-	2.8
107.0	65.0	2.8	-	9.9	11.8	0.0	-	0.0	0.0	3.1	0.0	-	0.0
107.0	70.0	3.0	-	6.2	3.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	80.0	3.1	-	6.1	0.0	0.0	-	0.0	-	-	-	-	0.0
107.0	90.0	-	-	-	2.9	0.0	-	-	-	-	-	-	-
110.0	35.0	0.0	-	2.5	0.0	3.4	-	0.0	0.0	3.2	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	0.0	9.8	0.0	-	0.0
110.0	45.0	0.0	-	2.9	6.9	0.0	-	3.2	0.0	9.9	0.0	0.0	0.0
110.0	50.0	8.9	-	6.8	0.0	0.0	-	0.0	0.0	3.2	3.2	-	0.0
110.0	55.0	5.7	-	26.2	0.0	3.5	-	3.2	0.0	0.0	0.0	-	0.0
110.0	60.0	5.9	-	8.7	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	65.0	5.6	-	3.2	0.0	0.0	-	2.9	0.0	0.0	0.0	-	0.0
110.0	70.0	8.3	-	2.9	3.6	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	80.0	3.1	-	6.2	0.0	0.0	-	0.0	-	-	-	-	0.0
110.0	90.0	8.4	-	-	3.9	0.0	-	-	-	-	-	-	-
113.0	35.0	3.1	-	0.0	0.0	0.0	-	0.0	3.1	0.0	3.2	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	6.0	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	3.4	-	5.7	3.2	0.0	8.7	0.0	0.0

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	50.0	0.0	-	0.0	0.0	3.3	-	3.2	0.0	0.0	0.0	-	2.6
113.0	55.0	5.8	-	3.3	0.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	13.2	0.0	-	-	13.1	0.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	3.1	0.0	-	0.0	3.7	0.0	0.0	-	2.8
113.0	70.0	6.0	-	0.0	0.0	0.0	-	3.2	6.6	0.0	0.0	-	0.0
113.0	80.0	4.1	-	-	0.0	3.4	-	0.0	-	-	-	-	0.0
117.0	35.0	0.0	-	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	3.2	-	3.3	0.0	0.0	0.0	-	0.0
117.0	45.0	6.5	-	0.0	0.0	6.7	-	3.1	0.0	0.0	2.8	0.0	0.0
117.0	50.0	5.9	-	0.0	0.0	2.9	-	0.0	0.0	0.0	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	16.4	-	0.0	0.0	2.9	0.0	-	0.0
117.0	60.0	0.0	-	5.6	3.9	3.3	-	3.1	16.5	0.0	3.2	-	8.8
117.0	65.0	0.0	-	6.3	0.0	0.0	-	16.4	2.8	0.0	3.1	-	5.6
117.0	70.0	3.0	-	0.0	0.0	0.0	-	3.3	8.9	3.0	0.0	-	2.6
117.0	80.0	2.4	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
120.0	45.0	5.4	-	0.0	0.0	0.0	-	6.6	0.0	-	0.0	0.0	0.0
120.0	50.0	6.0	-	0.0	0.0	5.9	-	0.0	2.9	-	0.0	-	0.0
120.0	55.0	5.7	-	0.0	3.1	0.0	-	2.6	0.0	-	0.0	-	0.0
120.0	60.0	2.6	-	0.0	0.0	0.0	-	9.3	22.6	-	-	-	15.5
120.0	65.0	11.7	-	-	11.0	0.0	-	3.2	0.0	-	0.0	-	5.3
120.0	70.0	39.3	-	-	2.8	0.0	-	0.0	2.9	-	0.0	-	0.0
120.0	80.0	17.3	-	-	0.0	6.6	-	0.0	-	-	-	-	11.3
120.0	90.0	5.4	-	-	-	-	-	-	-	-	-	-	-
123.0	37.0	-	0.0	-	2.5	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	7.9	-	-	0.0	-	0.0
123.0	45.0	6.2	-	-	0.0	3.4	-	0.0	3.2	-	0.0	-	0.0
123.0	50.0	12.1	-	-	6.9	0.0	-	0.0	0.0	-	15.1	0.0	0.0
123.0	55.0	17.4	-	-	3.3	0.0	-	2.9	9.4	-	0.0	-	12.3
123.0	60.0	6.0	-	-	0.0	9.9	-	0.0	3.2	-	2.9	3.2	5.4
123.0	65.0	5.7	-	-	-	0.0	-	0.0	-	-	-	-	-
123.0	70.0	7.6	-	-	-	0.0	-	0.0	-	-	-	-	-
123.0	80.0	37.3	-	-	-	-	-	0.0	-	-	-	-	-
127.0	40.0	-	2.5	-	7.3	3.3	-	3.0	0.0	-	0.0	0.0	0.0
127.0	45.0	-	9.8	-	2.6	0.0	-	0.0	0.0	-	3.0	-	0.0
127.0	50.0	-	7.9	-	0.0	0.0	-	0.0	0.0	-	13.6	1.4	0.0
127.0	55.0	-	9.2	-	2.9	0.0	-	0.0	0.0	-	15.7	-	0.0
127.0	60.0	-	5.9	-	0.0	3.6	-	0.0	0.0	-	0.0	0.0	2.8
127.0	65.0	-	5.2	-	-	3.4	-	0.0	-	-	-	-	-
127.0	70.0	-	3.3	-	-	0.0	-	0.0	-	-	-	-	-
127.0	75.0	-	17.1	-	-	-	-	-	-	-	-	-	-
127.0	80.0	-	3.2	-	-	-	-	0.0	-	-	-	-	-
130.0	35.0	-	0.0	-	0.0	5.5	-	0.0	6.1	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
130.0	45.0	-	5.5	-	3.5	0.0	-	5.2	3.2	-	0.0	-	0.0
130.0	50.0	-	3.2	-	3.5	7.1	-	0.0	3.2	-	0.0	0.0	0.0

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0 55.0	-	0.0	-	0.0	17.5	-	0.0	2.9	-	0.0	-	0.0
130.0 60.0	-	8.8	-	3.6	7.0	-	0.0	5.9	-	2.8	0.0	0.0
130.0 65.0	-	-	-	-	0.0	-	5.8	-	-	-	-	-
130.0 70.0	-	9.7	-	-	0.0	-	0.0	-	-	-	-	-
130.0 80.0	-	6.2	-	-	-	-	0.0	-	-	-	-	-
130.0 90.0	-	3.2	-	-	-	-	0.0	-	-	-	-	-
133.0 35.0	-	0.0	-	0.0	3.3	-	0.0	3.5	-	0.0	-	0.0
133.0 40.0	-	9.2	-	2.9	0.0	-	2.9	10.1	-	0.0	0.0	0.0
133.0 45.0	-	6.8	-	0.0	0.0	-	0.0	3.3	-	0.0	-	-
133.0 50.0	-	2.8	-	19.6	6.8	-	0.0	0.0	-	0.0	0.0	-
133.0 60.0	-	5.9	-	2.9	0.0	-	0.0	0.0	-	0.0	0.0	-
137.0 35.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0 40.0	-	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0	0.0	0.0
137.0 45.0	-	0.0	-	0.0	7.0	-	-	5.6	-	0.0	-	-
137.0 46.0	-	-	-	-	-	-	3.2	-	-	-	-	-
137.0 50.0	-	0.0	-	3.6	0.0	-	0.0	3.0	-	0.0	0.0	-
137.0 55.0	-	3.2	-	3.8	3.6	-	0.0	6.1	-	0.0	-	-
137.0 60.0	-	0.0	-	0.0	0.0	-	0.0	12.4	-	0.0	0.0	-
150.0 40.0	-	-	-	-	-	-	-	-	-	-	3.2	-
153.0 20.0	-	-	-	-	-	-	-	-	-	-	3.0	-
153.0 40.0	-	-	-	-	-	-	-	-	-	-	2.9	-
153.0 60.0	-	-	-	-	-	-	-	-	-	-	6.1	-

Lestidiops ringens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 60.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.7
60.0 80.0	0.0	-	-	-	-	0.0	0.0	-	-	0.0	-	3.0
60.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	0.0	-	4.8
63.0 70.0	-	-	-	5.5	-	0.0	0.0	-	-	-	-	0.0
63.0 90.0	-	-	-	-	-	0.0	3.2	-	-	3.3	-	-
67.0 50.0	2.8	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
67.0 55.0	0.0	-	-	0.0	-	6.1	0.0	-	-	0.0	-	0.0
67.0 65.0	-	-	-	0.0	-	3.2	-	-	-	-	-	-
67.0 70.0	-	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.9
67.0 80.0	-	-	-	0.0	-	0.0	3.3	-	-	6.8	-	-
70.0 60.0	0.0	-	-	0.0	-	0.0	3.5	-	-	-	-	0.0
70.0 65.0	0.0	-	-	2.9	-	0.0	-	-	-	-	-	-
70.0 70.0	0.0	-	-	7.4	-	0.0	0.0	-	-	0.0	-	0.0
70.0 80.0	0.0	-	-	0.0	-	6.6	3.3	-	-	3.3	-	0.0
70.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	0.0	-	3.1
70.0 100.0	2.6	-	-	-	-	-	-	-	-	-	-	-
73.0 60.0	-	0.0	-	0.0	-	0.0	3.4	-	-	0.0	-	0.0
73.0 90.0	-	-	-	0.0	-	3.3	0.0	-	-	-	-	-
77.0 55.0	-	0.0	-	0.0	-	0.0	0.0	-	-	3.1	-	0.0

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	80.0	0.0	-	-	0.0	-	0.0	6.8	-	-	0.0	-	-
77.0	90.0	0.0	-	-	0.0	-	12.6	0.0	-	-	9.6	-	-
80.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
80.0	52.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	1.7	-	2.7	3.3	0.0	0.0	6.9	3.2	0.0	-	3.3
80.0	80.0	-	1.9	-	0.0	0.0	2.8	0.0	0.0	0.0	3.4	-	3.1
80.0	90.0	-	3.7	-	0.0	0.0	0.0	0.0	3.3	6.3	4.4	-	6.0
83.0	51.0	-	1.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	55.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	3.2	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
83.0	70.0	-	1.5	-	0.0	3.1	0.0	3.3	0.0	0.0	0.0	-	0.0
83.0	80.0	-	0.0	-	6.5	3.0	3.0	0.0	0.0	0.0	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	3.4	0.0	0.0	0.0	0.0	3.3	-	-
87.0	50.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	3.4	-	0.0	0.0	21.2	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	5.9
87.0	90.0	-	0.0	0.0	-	14.2	0.0	0.0	0.0	0.0	6.3	-	-
90.0	53.0	-	-	0.0	-	-	2.9	0.0	-	-	0.0	-	0.0
90.0	55.0	-	0.0	-	-	0.0	-	-	6.4	0.0	-	-	-
90.0	60.0	-	6.7	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
90.0	65.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	9.8	-	0.0
90.0	80.0	-	0.0	0.0	-	0.0	0.0	2.8	0.0	0.0	3.2	-	3.0
90.0	90.0	-	0.0	0.0	-	3.3	0.0	0.0	10.1	0.0	2.9	-	3.2
90.0	100.0	-	0.0	-	-	-	-	2.9	-	-	0.0	-	-
90.0	110.0	-	-	-	-	-	-	-	-	-	12.6	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
93.0	35.0	6.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	40.0	0.0	0.0	2.8	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0
93.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	6.2	-	0.0
93.0	50.0	0.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	60.0	0.0	2.8	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	3.2	0.0	-	3.3	0.0	0.0	0.0	3.3	0.0	-	0.0
93.0	80.0	0.0	0.0	3.0	-	0.0	0.0	3.2	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	0.0	5.5	9.1	-	-	6.1	-	0.0
93.0	100.0	-	-	-	-	6.8	-	-	-	-	3.1	-	0.0
93.0	110.0	-	-	-	-	-	-	-	-	-	9.2	-	0.0
94.0	78.0	-	-	-	-	-	-	-	-	-	2.8	-	-
97.0	30.0	2.9	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	32.0	0.0	-	0.0	-	-	0.0	3.4	-	-	3.0	-	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
97.0	45.0	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
97.0	50.0	0.0	0.0	2.1	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
97.0	55.0	3.0	3.2	0.0	-	3.9	0.0	0.0	0.0	18.1	5.8	-	0.0
97.0	60.0	0.0	0.0	0.0	-	0.0	3.7	0.0	0.0	9.8	0.0	-	5.2
97.0	65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	5.8	0.0	4.0	-	0.0

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	70.0	0.0	0.0	0.0	-	0.0	0.0	0.0	5.8	6.3	0.0	-	2.7
97.0	80.0	0.0	0.0	3.3	-	0.0	8.7	0.0	2.8	0.0	0.0	-	0.0
97.0	90.0	0.0	0.0	0.0	-	0.0	3.0	15.4	-	-	-	-	-
100.0	29.0	0.0	2.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0
100.0	35.0	0.0	6.2	-	0.0	3.2	0.0	0.0	0.0	0.0	3.2	0.0	0.0
100.0	40.0	0.0	6.2	-	0.0	0.0	0.0	0.0	14.3	0.0	0.0	-	0.0
100.0	45.0	0.0	3.4	-	0.0	0.0	0.0	0.0	2.8	3.2	2.8	2.8	0.0
100.0	50.0	0.0	2.7	-	0.0	0.0	0.0	0.0	3.2	0.0	3.1	-	2.8
100.0	55.0	0.0	3.0	-	0.0	0.0	0.0	0.0	3.1	32.9	6.2	-	2.3
100.0	60.0	0.0	2.9	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0	65.0	0.0	0.0	-	0.0	3.8	0.0	0.0	0.0	3.1	2.9	-	0.0
100.0	70.0	0.0	0.0	-	0.0	0.0	3.2	3.6	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	6.2	-	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	2.9	0.0	3.1	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	12.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	3.4	3.2	0.0	0.0	0.0	-	2.7
103.0	55.0	0.0	0.0	-	2.9	0.0	10.4	8.9	6.3	0.0	-	-	0.0
103.0	60.0	0.0	3.3	-	0.0	0.0	0.0	0.0	6.4	0.0	3.1	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	3.2	10.1	9.1	9.5	3.5	-	0.0
103.0	70.0	0.0	0.0	-	0.0	0.0	0.0	11.8	6.0	0.0	2.9	-	5.2
103.0	90.0	-	-	-	0.0	0.0	3.2	-	-	-	-	-	-
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	8.8	0.0	0.0	0.0
107.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	3.1	3.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	5.5	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	38.9	3.3	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	0.0	-	6.4	5.4	3.1	0.0	-	0.0
107.0	60.0	0.0	6.0	-	0.0	3.3	-	0.0	0.0	3.0	0.0	-	0.0
107.0	65.0	0.0	-	3.3	3.9	0.0	-	0.0	0.0	0.0	3.6	-	2.8
110.0	40.0	0.0	-	2.7	0.0	0.0	-	-	0.0	3.3	0.0	-	0.0
110.0	45.0	0.0	-	2.9	0.0	0.0	-	6.3	0.0	0.0	3.2	0.0	0.0
110.0	50.0	0.0	-	3.4	0.0	0.0	-	0.0	2.8	3.2	0.0	-	3.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	9.5	0.0	22.6	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	3.0	3.2	0.0	0.0	-	0.0
110.0	65.0	0.0	-	3.2	3.5	0.0	-	0.0	0.0	0.0	10.6	-	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	3.3	0.0	0.0	-	0.0	3.2	0.0	3.3	-	0.0
113.0	45.0	0.0	-	5.8	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	3.0	0.0	-	0.0
113.0	60.0	0.0	-	3.3	0.0	-	-	0.0	0.0	2.8	0.0	-	0.0
113.0	65.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	6.6	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	6.2	0.0	0.0	0.0	0.0	0.0
117.0	60.0	0.0	-	0.0	0.0	0.0	-	3.1	3.3	0.0	0.0	-	0.0

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
119.0 33.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.1	0.0	0.0	0.0
120.0 45.0	0.0	–	0.0	0.0	0.0	–	3.3	0.0	–	0.0	0.0	0.0
120.0 50.0	0.0	–	0.0	0.0	0.0	–	15.8	0.0	–	0.0	–	0.0
120.0 60.0	0.0	–	0.0	0.0	0.0	–	3.1	6.5	–	–	–	0.0
123.0 45.0	0.0	–	–	0.0	0.0	–	0.0	3.2	–	2.7	–	3.1
127.0 40.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1	0.0	0.0

Notolepis risso

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 70.0	–	–	–	0.0	–	0.0	3.2	–	–	–	–	0.0
90.0 70.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–	3.3
90.0 110.0	–	–	–	–	–	–	–	–	–	0.0	–	3.1
90.0 120.0	–	–	–	–	–	–	–	–	–	0.0	–	3.2
93.0 90.0	0.0	0.0	3.0	–	0.0	0.0	0.0	–	–	0.0	–	0.0
97.0 90.0	0.0	0.0	0.0	–	0.0	0.0	9.2	–	–	–	–	–
103.0 50.0	0.0	0.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	0.0
103.0 65.0	0.0	0.0	–	0.0	3.1	0.0	0.0	0.0	0.0	0.0	–	0.0
103.0 70.0	0.0	0.0	–	0.0	3.2	0.0	0.0	0.0	0.0	0.0	–	0.0
103.0 80.0	0.0	0.0	–	0.0	3.1	0.0	0.0	–	–	–	–	0.0
107.0 50.0	0.0	0.0	–	0.0	3.6	–	0.0	0.0	0.0	0.0	–	0.0
107.0 80.0	3.1	–	0.0	0.0	0.0	–	0.0	–	–	–	–	0.0

Stemonosudis macrura

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0 60.0	–	–	–	–	–	–	–	–	–	–	3.0	–
150.0 60.0	–	–	–	–	–	–	–	–	–	–	6.2	–
153.0 40.0	–	–	–	–	–	–	–	–	–	–	2.9	–
153.0 50.0	–	–	–	–	–	–	–	–	–	–	5.8	–
153.0 60.0	–	–	–	–	–	–	–	–	–	–	6.1	–

Aulopus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0 20.0	–	–	–	–	–	–	–	–	–	–	3.2	–

Scopelosaurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 55.0	0.0	–	–	0.0	–	3.0	0.0	–	–	0.0	–	0.0
70.0 65.0	0.0	–	–	5.8	–	0.0	–	–	–	–	–	–

TABLE 4. (cont.)

Scopelosaurus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	-	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
90.0	80.0	-	0.0	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	7.4	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	0.0	0.0	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	3.1	-	0.0	3.5	0.0	0.0	-	-	0.0	-	0.0
100.0	90.0	0.0	-	-	0.0	0.0	0.0	3.5	-	-	-	-	-
103.0	65.0	0.0	0.0	-	0.0	0.0	0.0	2.5	0.0	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	40.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	-	0.0
107.0	80.0	3.1	-	0.0	0.0	3.1	-	0.0	-	-	-	-	0.0
107.0	90.0	-	-	-	2.9	0.0	-	-	-	-	-	-	-
110.0	60.0	0.0	-	0.0	3.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	40.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	0.0
117.0	50.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0

Scopelarchidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	60.0	-	3.4	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
90.0	65.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
90.0	90.0	-	0.0	2.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	130.0	-	-	-	-	-	-	-	-	-	-	-	3.0
93.0	90.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	3.1	-	0.0
93.0	120.0	-	-	-	-	-	-	-	-	-	3.1	-	12.9
94.0	139.0	-	-	-	-	-	-	-	-	-	-	-	3.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.4	0.0	-	0.0
97.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
97.0	70.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
97.0	90.0	2.6	0.0	0.0	-	3.4	0.0	0.0	-	-	-	-	-
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0
100.0	65.0	5.8	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	11.7	-	0.0
100.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	9.5	0.0	-	0.0
100.0	80.0	0.0	0.0	-	3.6	3.5	3.2	0.0	-	-	5.6	-	0.0
100.0	90.0	2.9	-	-	3.5	0.0	3.4	0.0	-	-	-	-	-
103.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-	2.7
103.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.4	0.0	0.0	-	0.0
103.0	65.0	0.0	0.0	-	2.8	0.0	0.0	2.5	3.0	15.9	0.0	-	0.0
103.0	70.0	0.0	3.2	-	0.0	0.0	0.0	0.0	3.0	9.4	0.0	-	0.0
103.0	80.0	0.0	0.0	-	3.6	0.0	0.0	0.0	-	-	-	-	8.1

TABLE 4. (cont.)

Scopelarchidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	90.0	-	-	-	19.4	0.0	0.0	-	-	-	-	-	-
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	5.5	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	3.0	0.0	0.0	0.0	-	1.9
107.0	55.0	0.0	0.0	-	0.0	3.4	-	0.0	2.7	0.0	0.0	-	0.0
107.0	60.0	0.0	3.0	-	0.0	0.0	-	0.0	3.1	6.1	0.0	-	0.0
107.0	65.0	0.0	-	0.0	0.0	3.2	-	12.5	3.0	6.2	0.0	-	0.0
107.0	70.0	3.0	-	3.1	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	80.0	0.0	-	0.0	3.4	0.0	-	0.0	-	-	-	-	3.0
110.0	45.0	0.0	-	0.0	0.0	0.0	-	6.3	0.0	0.0	0.0	0.0	2.8
110.0	50.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	12.7	0.0	3.2	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	9.2	0.0	-	0.0
110.0	65.0	2.8	-	0.0	0.0	0.0	-	0.0	6.4	0.0	7.1	-	2.8
110.0	70.0	0.0	-	0.0	3.6	3.1	-	0.0	0.0	3.1	3.4	-	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	5.8	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	6.1	0.0	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0	9.7	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	3.7	0.0	6.0	-	2.8
113.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	5.6	-	0.0
113.0	80.0	0.0	-	-	0.0	3.4	-	0.0	-	-	-	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0
117.0	60.0	0.0	-	0.0	0.0	0.0	-	3.1	9.9	0.0	0.0	-	0.0
117.0	65.0	0.0	-	0.0	2.5	0.0	-	0.0	2.8	0.0	0.0	-	2.8
117.0	80.0	0.0	-	-	0.0	0.0	-	3.3	-	-	-	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0
120.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6
120.0	60.0	0.0	-	0.0	0.0	0.0	-	6.2	12.9	-	-	-	3.1
120.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	8.5
123.0	42.0	-	-	-	0.0	-	-	0.0	-	-	0.0	-	2.5
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.7	-	0.0
123.0	50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	9.0	0.0	0.0
123.0	55.0	0.0	-	-	0.0	0.0	-	0.0	3.1	-	9.2	-	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	3.2	-	0.0	9.7	2.7
127.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	5.4	1.4	0.0
127.0	65.0	-	0.0	-	-	3.4	-	0.0	-	-	-	-	-
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.6	0.0	0.0
130.0	45.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	2.8	0.0	0.0
130.0	90.0	-	0.0	-	-	-	-	10.4	-	-	-	-	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	3.1	-

TABLE 4. (cont.)

Myctophidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 70.0	0.0	-	-	0.0	-	0.0	6.4	-	-	0.0	-	0.0
60.0 80.0	0.0	-	-	-	-	0.0	3.2	-	-	0.0	-	0.0
63.0 50.0	3.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
63.0 60.0	0.0	-	-	3.2	-	0.0	0.0	-	-	0.0	-	0.0
63.0 70.0	-	-	-	2.8	-	0.0	0.0	-	-	-	-	0.0
63.0 80.0	-	-	-	-	-	0.0	3.4	-	-	0.0	-	-
67.0 58.0	-	-	-	-	-	-	-	-	-	3.2	-	-
67.0 70.0	-	-	-	0.0	-	3.3	0.0	-	-	0.0	-	0.0
67.0 80.0	-	-	-	0.0	-	6.5	3.3	-	-	0.0	-	-
70.0 65.0	0.0	-	-	0.0	-	3.2	-	-	-	-	-	-
70.0 70.0	0.0	-	-	5.0	-	0.0	6.2	-	-	0.0	-	0.0
73.0 50.0	-	0.0	-	2.7	-	0.0	0.0	-	-	0.0	-	3.0
73.0 60.0	-	0.0	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
73.0 70.0	-	-	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
77.0 48.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	1.9
77.0 55.0	-	0.0	-	2.5	-	0.0	0.0	-	-	0.0	-	0.0
77.0 80.0	0.0	-	-	0.0	-	0.0	6.8	-	-	0.0	-	-
77.0 90.0	0.0	-	-	0.0	-	3.1	0.0	-	-	0.0	-	-
80.0 52.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 55.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
80.0 70.0	-	0.0	-	0.0	0.0	11.6	3.6	0.0	0.0	0.0	-	3.3
80.0 90.0	-	1.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 43.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
83.0 51.0	-	0.0	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 55.0	-	0.0	-	0.0	3.6	0.0	0.0	0.0	5.5	0.0	-	0.0
83.0 60.0	-	0.0	-	0.0	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 80.0	-	0.0	-	0.0	5.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 90.0	-	0.0	-	0.0	10.3	0.0	0.0	0.0	0.0	0.0	-	-
87.0 40.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
87.0 45.0	-	1.4	-	0.0	0.0	3.0	0.0	2.8	0.0	0.0	-	0.0
87.0 55.0	-	0.0	-	0.0	0.0	0.0	0.0	6.3	0.0	0.0	-	0.0
87.0 60.0	-	0.0	-	0.0	0.0	0.0	9.6	0.0	0.0	0.0	-	0.0
87.0 65.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 70.0	-	0.0	0.0	-	7.5	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 80.0	-	8.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
87.0 90.0	-	3.0	0.0	-	14.2	0.0	0.0	0.0	3.0	0.0	-	-
90.0 28.0	-	0.0	0.0	-	0.0	0.0	0.0	10.6	3.4	0.0	-	0.0
90.0 32.0	-	0.0	0.0	-	0.0	3.3	0.0	3.8	0.0	0.0	-	0.0
90.0 37.0	-	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 45.0	-	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
90.0 53.0	-	-	0.0	-	-	5.8	0.0	-	-	0.0	-	0.0
90.0 65.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
90.0 70.0	-	0.0	6.9	-	0.0	0.0	0.0	0.0	0.0	-	-	3.3
90.0 80.0	-	0.0	3.3	-	10.5	0.0	0.0	0.0	0.0	6.4	-	0.0
90.0 90.0	-	0.0	4.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.2
90.0 120.0	-	-	-	-	-	-	-	-	-	2.8	-	3.2

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 140.0	–	–	–	–	–	–	–	–	–	–	–	3.1
93.0 27.0	0.0	0.0	–	–	0.0	0.0	3.0	3.6	0.0	0.0	–	0.0
93.0 28.0	0.0	0.0	0.0	–	2.9	0.0	0.0	32.2	0.0	0.0	–	0.0
93.0 30.0	0.0	0.0	0.0	–	1.5	0.0	3.1	0.0	0.0	0.0	–	0.0
93.0 35.0	0.0	0.0	0.0	–	0.0	0.0	0.0	3.4	0.0	0.0	–	0.0
93.0 40.0	0.0	0.0	0.0	–	0.0	0.0	–	0.0	6.3	3.2	–	0.0
93.0 45.0	0.0	0.0	0.0	–	6.7	0.0	0.0	0.0	9.1	3.1	–	0.0
93.0 50.0	0.0	0.0	0.0	–	3.5	0.0	0.0	0.0	0.0	9.1	–	0.0
93.0 55.0	0.0	0.0	0.0	–	0.0	3.1	0.0	40.3	0.0	0.0	–	0.0
93.0 65.0	0.0	0.0	0.0	–	0.0	5.4	0.0	0.0	3.3	0.0	–	0.0
93.0 70.0	3.0	0.0	2.7	–	0.0	11.2	–	0.0	0.0	–	–	0.0
93.0 80.0	0.0	0.0	0.0	–	5.6	0.0	0.0	0.0	0.0	–	–	0.0
93.0 90.0	5.1	0.0	0.0	–	0.0	0.0	0.0	–	–	0.0	–	0.0
93.0 100.0	–	–	–	–	3.4	–	–	–	–	0.0	–	0.0
93.0 120.0	–	–	–	–	–	–	–	–	–	6.2	–	0.0
94.0 78.0	–	–	–	–	–	–	–	–	–	2.8	–	–
94.0 139.0	–	–	–	–	–	–	–	–	–	–	–	6.0
97.0 32.0	0.0	–	0.0	–	–	6.7	0.0	–	–	0.0	–	0.0
97.0 35.0	0.0	0.0	0.0	–	0.0	–	0.0	9.2	3.3	0.0	0.0	0.0
97.0 40.0	0.0	0.0	0.0	–	3.3	0.0	0.0	0.0	0.0	0.0	–	0.0
97.0 45.0	0.0	0.0	3.0	–	0.0	0.0	3.1	0.0	0.0	2.9	0.0	0.0
97.0 50.0	0.0	0.0	0.0	–	0.0	14.6	0.0	0.0	18.0	0.0	–	0.0
97.0 55.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0
97.0 60.0	0.0	0.0	0.0	–	14.1	0.0	0.0	0.0	0.0	0.0	–	0.0
97.0 65.0	0.0	0.0	5.7	–	0.0	0.0	0.0	5.8	0.0	0.0	–	0.0
97.0 80.0	0.0	0.0	6.6	–	3.4	0.0	0.0	0.0	0.0	0.0	–	2.7
97.0 90.0	0.0	0.0	0.0	–	0.0	0.0	9.2	–	–	–	–	–
100.0 29.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0
100.0 30.0	0.0	3.0	–	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0
100.0 35.0	0.0	0.0	–	0.0	0.0	9.3	0.0	9.5	0.0	0.0	0.0	0.0
100.0 45.0	0.0	0.0	–	0.0	0.0	0.0	0.0	5.6	0.0	11.3	0.0	0.0
100.0 50.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0
100.0 55.0	0.0	0.0	–	0.0	0.0	3.3	0.0	0.0	6.0	0.0	–	0.0
100.0 60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	9.7	–	0.0
100.0 65.0	0.0	24.6	–	3.1	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0
100.0 70.0	0.0	0.0	–	0.0	3.7	0.0	0.0	2.8	0.0	3.5	–	0.0
100.0 80.0	0.0	0.0	–	0.0	0.0	0.0	2.9	–	–	8.4	–	0.0
100.0 90.0	0.0	–	–	10.4	0.0	0.0	3.5	–	–	–	–	–
103.0 30.0	0.0	0.0	–	0.0	0.0	–	1.4	0.0	0.0	0.0	–	0.0
103.0 35.0	0.0	0.0	–	0.0	0.0	–	26.6	6.5	0.0	0.0	0.0	0.0
103.0 45.0	3.1	0.0	–	0.0	0.0	–	0.0	12.9	0.0	0.0	0.0	0.0
103.0 50.0	0.0	0.0	–	3.7	0.0	0.0	0.0	0.0	34.4	0.0	–	0.0
103.0 55.0	0.0	0.0	–	0.0	0.0	27.7	0.0	3.2	0.0	–	–	0.0
103.0 60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	6.3	–	0.0
103.0 65.0	0.0	0.0	–	5.6	0.0	0.0	5.1	15.1	0.0	0.0	–	2.5
103.0 70.0	3.0	0.0	–	0.0	3.2	3.2	8.9	12.1	6.2	0.0	–	0.0

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	80.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	-	-	-	2.7
103.0	90.0	-	-	-	3.2	0.0	0.0	-	-	-	-	-	-
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	3.3	11.8	0.0	0.0	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	12.0	6.7	15.8	0.0	-	1.9
107.0	55.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
107.0	60.0	0.0	3.0	-	3.5	0.0	-	0.0	0.0	3.0	0.0	-	8.3
107.0	65.0	0.0	-	0.0	7.9	0.0	-	0.0	3.0	12.4	3.6	-	0.0
107.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	11.6	0.0	0.0	-	0.0
107.0	80.0	0.0	-	3.1	0.0	0.0	-	0.0	-	-	-	-	3.0
107.0	90.0	-	-	-	11.5	0.0	-	-	-	-	-	-	-
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.2	0.0	-	0.0
110.0	35.0	0.0	-	0.0	12.2	3.4	-	0.0	19.4	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	7.5	3.3	-	-	0.0	3.3	6.8	-	0.0
110.0	45.0	0.0	-	0.0	3.4	0.0	-	18.9	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	6.0	0.0	0.0	-	0.0
110.0	60.0	5.9	-	0.0	0.0	13.5	-	0.0	3.2	6.1	3.1	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	16.0	9.1	3.5	-	2.8
110.0	70.0	5.6	-	0.0	0.0	0.0	-	0.0	3.0	3.1	0.0	-	0.0
110.0	90.0	0.0	-	-	3.9	0.0	-	-	-	-	-	-	-
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	6.6	0.0	3.1	-	0.0	3.2	3.2	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	2.8	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	28.4	0.0	0.0	-	2.6
113.0	60.0	0.0	-	0.0	3.2	-	-	6.5	3.0	0.0	0.0	-	2.8
113.0	65.0	0.0	-	3.3	3.1	0.0	-	68.3	0.0	9.5	6.0	-	0.0
113.0	70.0	0.0	-	0.0	6.4	0.0	-	18.9	13.3	6.0	2.8	-	0.0
113.0	80.0	0.0	-	-	0.0	3.4	-	0.0	-	-	-	-	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	5.5	0.0
117.0	45.0	3.2	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	5.7	-	0.0	0.0	8.8	0.0	-	0.0
117.0	55.0	0.0	-	0.0	7.5	19.6	-	6.5	0.0	0.0	0.0	-	0.0
117.0	60.0	0.0	-	2.8	0.0	0.0	-	0.0	62.7	0.0	0.0	-	0.0
117.0	65.0	0.0	-	9.4	0.0	0.0	-	39.4	0.0	0.0	6.2	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
117.0	80.0	0.0	-	-	0.0	9.2	-	0.0	-	-	-	-	0.0
118.0	39.0	-	-	-	0.0	13.3	-	0.0	0.0	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	11.1	-	0.0	0.0	-	3.3	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	20.7	-	15.8	0.0	-	0.0	-	2.8
120.0	55.0	0.0	-	0.0	6.2	20.9	-	0.0	0.0	-	0.0	-	0.0
120.0	60.0	5.2	-	0.0	0.0	0.0	-	0.0	16.1	-	-	-	0.0
120.0	65.0	0.0	-	-	7.3	6.7	-	0.0	0.0	-	0.0	-	5.3
120.0	70.0	9.1	-	-	5.7	3.4	-	0.0	0.0	-	6.6	-	0.0
120.0	80.0	5.8	-	-	0.0	3.3	-	0.0	-	-	-	-	0.0
123.0	45.0	12.4	-	-	0.0	0.0	-	0.0	0.0	-	5.4	-	0.0

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	50.0	3.0	-	-	0.0	3.4	-	0.0	0.0	-	3.0	3.0	0.0
123.0	55.0	0.0	-	-	0.0	9.8	-	0.0	0.0	-	3.1	-	0.0
123.0	60.0	0.0	-	-	0.0	6.6	-	0.0	0.0	-	2.9	0.0	0.0
123.0	70.0	2.5	-	-	-	0.0	-	0.0	-	-	-	-	-
123.0	80.0	0.0	-	-	-	-	-	4.9	-	-	-	-	-
127.0	40.0	-	5.1	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.9
127.0	45.0	-	0.0	-	0.0	13.4	-	0.0	28.6	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	0.0	18.8	-	0.0	1.4	0.0
127.0	55.0	-	3.1	-	2.9	3.3	-	0.0	3.2	-	3.1	-	0.0
127.0	60.0	-	8.8	-	0.0	18.2	-	0.0	0.0	-	2.7	0.0	0.0
127.0	65.0	-	5.2	-	-	0.0	-	0.0	-	-	-	-	-
127.0	70.0	-	0.0	-	-	3.3	-	0.0	-	-	-	-	-
127.0	80.0	-	3.2	-	-	-	-	8.1	-	-	-	-	-
130.0	35.0	-	0.0	-	3.3	0.0	-	0.0	3.1	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	0.0	3.3	-	0.0	3.1	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	10.6	23.8	-	0.0	6.4	-	8.8	-	0.0
130.0	50.0	-	9.6	-	10.6	0.0	-	0.0	0.0	-	2.9	0.0	0.0
130.0	55.0	-	0.0	-	5.9	7.0	-	0.0	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	0.0	5.9	-	0.0	0.0	8.5
130.0	65.0	-	-	-	-	0.0	-	5.8	-	-	-	-	-
130.0	80.0	-	6.2	-	-	-	-	2.7	-	-	-	-	-
130.0	90.0	-	0.0	-	-	-	-	2.6	-	-	-	-	-
133.0	35.0	-	3.3	-	7.0	0.0	-	0.0	3.5	-	0.0	-	2.6
133.0	40.0	-	0.0	-	0.0	6.8	-	0.0	0.0	-	0.0	0.0	0.0
133.0	45.0	-	13.6	-	2.9	0.0	-	0.0	0.0	-	2.8	-	-
133.0	50.0	-	0.0	-	0.0	0.0	-	0.0	9.7	-	0.0	0.0	-
133.0	55.0	-	0.0	-	3.8	6.9	-	2.8	9.5	-	0.0	-	-
133.0	60.0	-	0.0	-	0.0	0.0	-	8.8	5.6	-	0.0	0.0	-
137.0	23.0	-	0.0	-	0.0	0.0	-	5.4	0.0	-	0.0	0.0	0.0
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	80.3	-	0.0	0.0	0.0
137.0	35.0	-	13.8	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	40.0	-	3.0	-	11.8	0.0	-	0.0	0.0	-	2.6	0.0	0.0
137.0	45.0	-	0.0	-	3.5	3.5	-	-	0.0	-	2.8	-	-
137.0	46.0	-	-	-	-	-	-	6.3	-	-	-	-	-
137.0	50.0	-	0.0	-	7.2	0.0	-	0.0	0.0	-	0.0	0.0	-
137.0	55.0	-	3.2	-	18.8	0.0	-	0.0	45.9	-	2.9	-	-
137.0	60.0	-	0.0	-	3.7	0.0	-	2.6	55.8	-	0.0	0.0	-
143.0	50.0	-	-	-	-	-	-	-	-	-	-	2.9	-
147.0	40.0	-	-	-	-	-	-	-	-	-	-	3.3	-
147.0	60.0	-	-	-	-	-	-	-	-	-	-	6.1	-
153.0	16.0	-	-	-	-	-	-	-	-	-	-	3.1	-
153.0	20.0	-	-	-	-	-	-	-	-	-	-	6.0	-
153.0	40.0	-	-	-	-	-	-	-	-	-	-	2.9	-

TABLE 4. (cont.)

Ceratoscopelus townsendi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 60.0	0.0	-	-	0.0	-	0.0	3.2	-	-	0.0	-	0.0
60.0 70.0	0.0	-	-	0.0	-	0.0	9.6	-	-	0.0	-	0.0
60.0 80.0	0.0	-	-	-	-	0.0	16.1	-	-	2.5	-	0.0
60.0 90.0	0.0	-	-	-	-	0.0	7.2	-	-	0.0	-	0.0
63.0 80.0	-	-	-	-	-	0.0	3.4	-	-	0.0	-	-
63.0 90.0	-	-	-	-	-	0.0	3.2	-	-	0.0	-	-
67.0 55.0	0.0	-	-	0.0	-	9.1	0.0	-	-	0.0	-	0.0
67.0 80.0	-	-	-	0.0	-	3.3	6.7	-	-	0.0	-	-
70.0 80.0	0.0	-	-	0.0	-	3.3	0.0	-	-	0.0	-	0.0
70.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	19.6	-	0.0
73.0 70.0	-	-	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
80.0 60.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0 80.0	-	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	0.0	-	0.0
80.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
83.0 51.0	-	0.0	-	0.0	0.0	0.0	0.0	3.5	0.0	0.0	-	0.0
83.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	6.3	0.0	0.0	-	0.0
83.0 70.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	3.0	0.0	-	0.0
83.0 90.0	-	0.0	-	5.9	0.0	0.0	0.0	0.0	0.0	0.0	-	-
87.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
90.0 55.0	-	0.0	-	-	0.0	-	-	3.2	0.0	-	-	-
90.0 70.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	13.0
90.0 80.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	9.6	-	0.0
90.0 90.0	-	0.0	0.0	-	0.0	0.0	3.0	0.0	0.0	2.9	-	0.0
90.0 100.0	-	0.0	-	-	-	-	0.0	-	-	3.0	-	-
90.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
90.0 120.0	-	-	-	-	-	-	-	-	-	17.0	-	0.0
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	12.1
90.0 140.0	-	-	-	-	-	-	-	-	-	-	-	34.3
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	16.0	-	0.0
93.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	9.1	0.0	-	0.0
93.0 50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.1	-	0.0
93.0 70.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	-	3.3
93.0 90.0	0.0	0.0	0.0	-	0.0	2.8	0.0	-	-	9.2	-	2.6
93.0 100.0	-	-	-	-	0.0	-	-	-	-	0.0	-	2.8
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	3.3
93.0 120.0	-	-	-	-	-	-	-	-	-	34.2	-	77.3
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	36.4
94.0 78.0	-	-	-	-	-	-	-	-	-	2.8	-	-
94.0 139.0	-	-	-	-	-	-	-	-	-	-	-	6.0
97.0 35.0	0.0	0.0	0.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	9.7	4.3	0.0	0.0
97.0 55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	72.5	0.0	-	0.0
97.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	6.1	0.0	0.0	-	0.0
97.0 65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.6
97.0 70.0	0.0	0.0	0.0	-	0.0	0.0	0.0	8.7	0.0	0.0	-	2.7
97.0 80.0	0.0	0.0	0.0	-	0.0	26.0	11.4	5.6	0.0	0.0	-	0.0

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	90.0	0.0	2.7	0.0	-	0.0	3.0	33.9	-	-	-	-	-
100.0	35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	3.4	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.4	28.3	0.0	0.0
100.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
100.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	35.9	6.2	-	0.0
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	17.8	9.7	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	15.5	11.7	-	0.0
100.0	70.0	3.3	0.0	-	0.0	0.0	3.2	7.1	8.3	19.0	10.6	-	0.0
100.0	80.0	0.0	0.0	-	18.0	17.6	22.6	17.3	-	-	56.0	-	0.0
100.0	90.0	0.0	-	-	0.0	20.5	17.0	20.9	-	-	-	-	-
100.0	100.0	9.0	-	-	-	-	-	15.4	-	-	-	-	-
103.0	50.0	0.0	0.0	-	0.0	0.0	13.5	6.4	0.0	0.0	3.5	-	0.0
103.0	55.0	0.0	0.0	-	0.0	0.0	38.1	20.8	0.0	0.0	-	-	0.0
103.0	60.0	0.0	0.0	-	0.0	0.0	42.4	32.7	6.4	13.1	0.0	-	0.0
103.0	65.0	0.0	3.0	-	0.0	12.4	32.1	91.1	126.8	22.3	3.5	-	0.0
103.0	70.0	0.0	0.0	-	0.0	15.9	6.5	44.3	57.4	46.8	29.0	-	0.0
103.0	80.0	21.4	6.4	-	7.2	3.1	29.0	0.0	-	-	-	-	2.7
103.0	90.0	-	-	-	51.8	9.5	118.8	-	-	-	-	-	-
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	8.8	0.0	0.0	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	8.3	0.0	0.0	0.0	3.0	0.0
107.0	50.0	0.0	0.0	-	0.0	3.6	-	20.9	6.7	0.0	13.2	-	1.9
107.0	55.0	0.0	0.0	-	0.0	0.0	-	54.7	16.3	0.0	0.0	-	0.0
107.0	60.0	3.0	0.0	-	3.5	0.0	-	3.0	40.6	152.5	0.0	-	2.8
107.0	65.0	5.6	-	0.0	3.9	6.4	-	3.1	29.8	213.9	3.6	-	0.0
107.0	70.0	3.0	-	0.0	0.0	0.0	-	2.8	11.6	12.5	16.5	-	0.0
107.0	80.0	0.0	-	0.0	0.0	0.0	-	22.2	-	-	-	-	8.9
107.0	90.0	-	-	-	0.0	9.0	-	-	-	-	-	-	-
110.0	45.0	0.0	-	0.0	0.0	3.3	-	6.3	8.6	29.6	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	14.0	-	5.2	19.6	38.8	0.0	-	0.0
110.0	55.0	0.0	-	3.3	0.0	20.8	-	15.9	65.6	74.3	3.3	-	0.0
110.0	60.0	3.0	-	0.0	0.0	0.0	-	35.9	112.7	107.4	12.5	-	0.0
110.0	65.0	5.6	-	0.0	0.0	0.0	-	5.9	67.0	78.5	17.6	-	0.0
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	83.7	24.6	30.6	-	0.0
110.0	80.0	0.0	-	0.0	0.0	19.1	-	0.0	-	-	-	-	9.0
110.0	90.0	8.4	-	-	0.0	3.2	-	-	-	-	-	-	-
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	9.2	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	5.8	5.6	0.0
113.0	50.0	2.7	-	0.0	0.0	0.0	-	0.0	0.0	15.1	0.0	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	8.0	8.7	3.2	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	3.3	32.9	5.6	3.2	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	18.4	6.4	3.0	-	0.0
113.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	99.0	5.6	-	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.5	2.9	-	0.0

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.5	0.0	0.0	0.0
117.0	50.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	5.9	2.8	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	6.5	0.0	0.0	0.0	-	0.0
117.0	60.0	0.0	-	0.0	0.0	0.0	-	6.2	75.9	5.9	3.2	-	2.9
117.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	48.1	0.0	3.1	-	5.6
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	86.1	0.0	3.1	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	0.0	0.0	9.3	0.0	-	0.0
120.0	50.0	0.0	-	3.3	0.0	0.0	-	3.2	0.0	-	3.2	-	0.0
120.0	55.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6
120.0	60.0	13.1	-	0.0	7.2	0.0	-	3.1	45.2	-	-	-	12.4
120.0	65.0	2.3	-	-	3.7	3.4	-	0.0	0.0	-	0.0	-	24.0
120.0	70.0	0.0	-	-	0.0	10.3	-	0.0	23.0	-	0.0	-	0.0
120.0	80.0	2.9	-	-	0.0	10.0	-	0.0	-	-	-	-	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	6.4	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	37.0	-	-	0.0	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	3.2	-	16.3	-	0.0
123.0	50.0	0.0	-	-	0.0	3.4	-	0.0	0.0	-	18.1	0.0	0.0
123.0	55.0	0.0	-	-	0.0	3.3	-	5.9	3.1	-	3.1	-	9.2
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	9.6	-	2.9	0.0	0.0
123.0	70.0	0.0	-	-	-	0.0	-	5.8	-	-	-	-	-
123.0	80.0	8.6	-	-	-	-	-	29.4	-	-	-	-	-
127.0	45.0	-	0.0	-	0.0	0.0	-	0.0	7.8	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	0.0	12.6	-	0.0	1.4	0.0
127.0	55.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	3.1	-	0.0
127.0	60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.2	0.0
127.0	65.0	-	0.0	-	-	6.8	-	0.0	-	-	-	-	-
127.0	70.0	-	3.3	-	-	0.0	-	0.0	-	-	-	-	-
127.0	80.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-
130.0	40.0	-	5.6	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	0.0	10.2	-	0.0	16.1	-	0.0	-	3.0
130.0	50.0	-	0.0	-	0.0	0.0	-	0.0	22.3	-	0.0	0.0	3.1
130.0	55.0	-	0.0	-	0.0	0.0	-	0.0	17.2	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	14.1	11.7	-	0.0	0.0	0.0
130.0	65.0	-	-	-	-	0.0	-	2.9	-	-	-	-	-
130.0	70.0	-	6.5	-	-	10.0	-	0.0	-	-	-	-	-
130.0	90.0	-	0.0	-	-	-	-	13.0	-	-	-	-	-
133.0	40.0	-	3.1	-	0.0	6.8	-	0.0	0.0	-	0.0	0.0	0.0
133.0	45.0	-	3.4	-	0.0	0.0	-	0.0	3.3	-	0.0	-	-
133.0	50.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	-
133.0	55.0	-	0.0	-	7.6	3.4	-	0.0	3.2	-	0.0	-	-
133.0	60.0	-	0.0	-	0.0	0.0	-	8.8	0.0	-	0.0	0.0	-
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	27.8	-	0.0	0.0	0.0
137.0	35.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	0.0	0.0
137.0	45.0	-	2.9	-	7.0	7.0	-	-	0.0	-	2.8	-	-
137.0	46.0	-	-	-	-	-	-	3.2	-	-	-	-	-
137.0	55.0	-	3.2	-	7.5	0.0	-	0.0	18.4	-	0.0	-	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	60.0	-	0.0	-	0.0	0.0	-	0.0	18.6	-	0.0	0.0	-
143.0	60.0	-	-	-	-	-	-	-	-	-	-	6.3	-
147.0	25.0	-	-	-	-	-	-	-	-	-	-	3.0	-
147.0	50.0	-	-	-	-	-	-	-	-	-	-	17.9	-
150.0	50.0	-	-	-	-	-	-	-	-	-	-	3.0	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	3.1	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	8.7	-

Diaphus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	-	-	0.0	-	12.8	0.0	-	-	0.0	-	0.0
60.0	60.0	0.0	-	-	0.0	-	50.9	19.1	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	0.0	-	29.1	-	-	-	-	-	-
60.0	70.0	0.0	-	-	0.0	-	8.3	304.0	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	92.7	126.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	40.6	46.8	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	0.0	-	0.0	15.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	0.0	-	0.0	3.3	-	-	0.0	-	0.0
63.0	65.0	-	-	-	0.0	-	31.2	-	-	-	-	-	-
63.0	70.0	-	-	-	0.0	-	5.8	175.4	-	-	-	-	0.0
63.0	80.0	-	-	-	-	-	55.2	147.5	-	-	0.0	-	-
63.0	90.0	-	-	-	-	-	42.1	0.0	-	-	0.0	-	-
67.0	55.0	0.0	-	-	0.0	-	64.0	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	0.0	-	49.1	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	0.0	-	60.6	-	-	-	-	-	-
67.0	70.0	-	-	-	0.0	-	6.5	60.8	-	-	0.0	-	0.0
67.0	80.0	-	-	-	0.0	-	13.0	20.0	-	-	0.0	-	-
67.0	90.0	-	-	-	-	-	16.0	34.7	-	-	0.0	-	-
70.0	51.0	0.0	-	-	0.0	-	3.0	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	0.0	-	0.0	49.7	-	-	-	-	0.0
70.0	65.0	0.0	-	-	0.0	-	47.7	-	-	-	-	-	-
70.0	70.0	0.0	-	-	9.9	-	22.5	143.5	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	0.0	-	0.0	26.5	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	9.1	0.0	-	-	0.0	-	0.0
73.0	53.0	-	0.0	-	0.0	-	6.7	0.0	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
73.0	65.0	-	-	-	-	-	22.8	-	-	-	-	-	-
73.0	70.0	-	-	-	0.0	-	57.4	72.6	-	-	0.0	-	0.0
73.0	80.0	-	-	-	0.0	-	31.4	19.8	-	-	0.0	-	-
73.0	90.0	-	-	-	0.0	-	26.5	12.3	-	-	-	-	-
77.0	51.0	0.0	-	-	0.0	-	6.8	0.0	-	-	0.0	-	0.0
77.0	55.0	-	0.0	-	0.0	-	10.5	0.0	-	-	0.0	-	0.0
77.0	60.0	-	0.0	-	0.0	-	9.7	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	0.0	-	3.0	-	-	-	-	-	-

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0 70.0	-	-	-	0.0	-	0.0	3.4	-	-	0.0	-	0.0
77.0 80.0	0.0	-	-	0.0	-	3.3	67.8	-	-	0.0	-	-
80.0 52.0	-	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	0.0	-	0.0
80.0 55.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
80.0 60.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0 65.0	-	0.0	-	0.0	0.0	3.0	6.3	0.0	127.5	0.0	-	0.0
80.0 70.0	-	0.0	-	0.0	0.0	17.3	0.0	0.0	6.3	0.0	-	0.0
80.0 80.0	-	0.0	-	0.0	0.0	11.1	3.3	0.0	19.3	0.0	-	0.0
80.0 90.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	2.2	-	0.0
83.0 55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0
83.0 60.0	-	0.0	-	0.0	0.0	16.6	0.0	0.0	0.0	0.0	-	0.0
83.0 65.0	-	0.0	-	0.0	0.0	0.0	33.5	81.6	0.0	0.0	-	0.0
83.0 70.0	-	0.0	-	0.0	0.0	11.3	20.1	3.2	51.8	0.0	-	0.0
83.0 80.0	-	0.0	-	0.0	0.0	23.7	9.0	9.0	9.7	0.0	-	0.0
83.0 90.0	-	0.0	-	0.0	0.0	8.2	0.0	0.0	3.1	0.0	-	-
87.0 33.0	-	0.0	-	-	0.0	0.0	0.0	0.0	2.6	0.0	-	0.0
87.0 35.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
87.0 45.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.9	-	0.0
87.0 50.0	-	0.0	-	0.0	0.0	0.0	0.0	6.2	0.0	0.0	-	0.0
87.0 60.0	-	0.0	-	0.0	0.0	34.8	0.0	6.3	0.0	0.0	-	0.0
87.0 70.0	-	0.0	0.0	-	0.0	3.0	9.1	23.7	6.5	0.0	-	0.0
87.0 80.0	-	0.0	0.0	-	0.0	0.0	0.0	3.2	8.4	0.0	-	0.0
87.0 90.0	-	0.0	0.0	-	3.5	0.0	0.0	3.2	0.0	0.0	-	-
90.0 53.0	-	-	0.0	-	-	11.6	0.0	-	-	0.0	-	0.0
90.0 55.0	-	0.0	-	-	3.3	-	-	3.2	0.0	-	-	-
90.0 60.0	-	0.0	0.0	-	0.0	5.7	3.1	0.0	0.0	0.0	-	0.0
90.0 65.0	-	0.0	0.0	-	0.0	0.0	0.0	3.6	0.0	0.0	-	0.0
90.0 70.0	-	0.0	0.0	-	0.0	0.0	0.0	3.1	3.1	-	-	0.0
90.0 80.0	-	0.0	0.0	-	0.0	0.0	0.0	6.4	0.0	3.2	-	0.0
90.0 90.0	-	0.0	0.0	-	0.0	0.0	0.0	10.1	6.2	0.0	-	0.0
90.0 120.0	-	-	-	-	-	-	-	-	-	5.7	-	0.0
93.0 30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	6.8	0.0	3.0	-	0.0
93.0 35.0	0.0	0.0	0.0	-	0.0	0.0	3.3	0.0	3.1	0.0	-	0.0
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	3.2	0.0	-	0.0
93.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	15.6	-	0.0
93.0 50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.5	0.0	0.0	-	0.0
93.0 70.0	0.0	0.0	0.0	-	0.0	2.8	-	0.0	0.0	-	-	0.0
93.0 80.0	0.0	0.0	0.0	-	1.7	3.1	3.2	0.0	0.0	-	-	0.0
93.0 90.0	0.0	0.0	0.0	-	0.0	5.5	3.0	-	-	0.0	-	0.0
93.0 120.0	-	-	-	-	-	-	-	-	-	6.2	-	0.0
94.0 139.0	-	-	-	-	-	-	-	-	-	-	-	6.0
97.0 29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	4.5	0.0	0.0	-	0.0
97.0 32.0	0.0	-	0.0	-	-	0.0	30.4	-	-	0.0	-	0.0
97.0 35.0	0.0	0.0	0.0	-	0.0	-	10.8	0.0	0.0	0.0	0.0	0.0
97.0 40.0	0.0	0.0	0.0	-	0.0	0.0	7.2	3.0	0.0	0.0	-	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	4.3	0.0	0.0

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	50.0	0.0	0.0	0.0	–	0.0	5.8	13.4	0.0	6.0	6.1	–	0.0
97.0	55.0	0.0	0.0	0.0	–	0.0	0.0	10.4	3.0	6.0	0.0	–	0.0
97.0	60.0	0.0	0.0	0.0	–	0.0	7.5	0.0	0.0	3.3	0.0	–	0.0
97.0	70.0	0.0	0.0	0.0	–	0.0	0.0	0.0	5.8	0.0	0.0	–	0.0
97.0	80.0	0.0	0.0	0.0	–	0.0	0.0	14.3	0.0	0.0	0.0	–	0.0
97.0	90.0	0.0	0.0	0.0	–	3.4	0.0	12.3	–	–	–	–	–
100.0	35.0	0.0	0.0	–	0.0	0.0	0.0	6.0	3.2	0.0	0.0	0.0	0.0
100.0	40.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0
100.0	45.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.8	6.4	0.0	0.0	0.0
100.0	50.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.2	3.3	0.0	–	0.0
100.0	55.0	0.0	0.0	–	0.0	0.0	3.3	0.0	0.0	3.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0
100.0	65.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.2	8.8	–	0.0
100.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0
103.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0	3.9	–	0.0
103.0	50.0	0.0	0.0	–	0.0	0.0	0.0	3.2	0.0	0.0	7.0	–	0.0
103.0	60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.5	3.1	–	0.0
103.0	70.0	0.0	0.0	–	0.0	3.2	0.0	0.0	0.0	0.0	5.8	–	0.0
107.0	35.0	0.0	0.0	–	0.0	0.0	–	9.6	6.7	5.9	2.5	0.0	0.0
107.0	50.0	0.0	0.0	–	0.0	0.0	–	6.0	0.0	0.0	0.0	–	0.0
107.0	55.0	0.0	0.0	–	0.0	0.0	–	3.2	0.0	0.0	0.0	–	0.0
107.0	65.0	0.0	–	0.0	0.0	3.2	–	6.2	0.0	0.0	0.0	–	0.0
107.0	70.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	3.3	–	0.0
110.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.2	0.0
110.0	40.0	0.0	–	0.0	0.0	0.0	–	–	0.0	9.8	0.0	–	0.0
110.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.6	0.0	0.0	0.0
113.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	3.2	0.0	0.0
113.0	40.0	0.0	–	0.0	0.0	0.0	–	3.0	0.0	0.0	3.3	–	0.0
113.0	65.0	0.0	–	0.0	0.0	0.0	–	29.3	0.0	3.2	0.0	–	0.0
117.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	2.9	0.0	–	0.0
117.0	70.0	0.0	–	0.0	0.0	0.0	–	9.9	0.0	0.0	0.0	–	0.0
120.0	60.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	–	–	–	3.1
123.0	55.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1
123.0	60.0	0.0	–	–	0.0	0.0	–	2.8	0.0	–	0.0	0.0	2.7
127.0	40.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0	0.0	0.0
127.0	45.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.0	–	0.0
130.0	50.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	3.1
153.0	60.0	–	–	–	–	–	–	–	–	–	–	12.2	–

Lampadena urophaos

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	65.0	–	0.0	–	0.0	0.0	0.0	0.0	6.6	0.0	0.0	–	0.0
93.0	100.0	–	–	–	–	0.0	–	–	–	–	3.1	–	0.0
97.0	90.0	0.0	0.0	0.0	–	0.0	0.0	9.2	–	–	–	–	–

TABLE 4. (cont.)

Lampadena urophaos (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	2.9	-	0.0
100.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	9.5	3.5	-	0.0
100.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	5.6	-	0.0
103.0	60.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	0.0	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.0	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	12.1	3.1	5.8	-	0.0
103.0	80.0	0.0	0.0	-	0.0	0.0	6.4	0.0	-	-	-	-	0.0
103.0	90.0	-	-	-	0.0	0.0	6.4	-	-	-	-	-	-
107.0	50.0	0.0	0.0	-	0.0	0.0	-	6.0	0.0	0.0	0.0	-	1.9
107.0	55.0	0.0	0.0	-	0.0	0.0	-	9.7	5.4	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	15.3	0.0	-	0.0
107.0	65.0	0.0	-	0.0	0.0	0.0	-	6.2	0.0	9.3	0.0	-	0.0
107.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.2	0.0	-	0.0
110.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	8.4	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	9.1	0.0	-	0.0
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	26.9	0.0	3.4	-	0.0
110.0	80.0	0.0	-	0.0	0.0	0.0	-	0.0	-	-	-	-	3.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	0.0	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	3.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	7.3	0.0	0.0	-	0.0
113.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.0	2.8	-	0.0
117.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	2.8	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	5.9	0.0	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6
120.0	70.0	0.0	-	-	0.0	0.0	-	0.0	31.7	-	0.0	-	0.0
120.0	80.0	0.0	-	-	0.0	0.0	-	2.9	-	-	-	-	0.0
123.0	50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	3.0	0.0	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	2.8	3.2	-	0.0	0.0	8.1
123.0	80.0	0.0	-	-	-	-	-	4.9	-	-	-	-	-
127.0	45.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0
127.0	70.0	-	0.0	-	-	0.0	-	3.0	-	-	-	-	-
127.0	80.0	-	3.2	-	-	-	-	16.1	-	-	-	-	-
130.0	45.0	-	0.0	-	0.0	0.0	-	0.0	6.4	-	0.0	-	0.0
130.0	50.0	-	0.0	-	0.0	0.0	-	0.0	6.4	-	0.0	0.0	0.0
130.0	55.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0
130.0	70.0	-	3.2	-	-	0.0	-	0.0	-	-	-	-	-
130.0	80.0	-	3.1	-	-	-	-	2.7	-	-	-	-	-
133.0	45.0	-	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0	-	-
137.0	30.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0	0.0	0.0
147.0	60.0	-	-	-	-	-	-	-	-	-	-	9.1	-

TABLE 4. (cont.)

Lampanyctus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.1	-	0.0
60.0	65.0	0.0	-	-	17.8	-	0.0	-	-	-	-	-	-
60.0	70.0	0.0	-	-	9.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	0.0	7.2	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	0.0	-	0.0	26.3	-	-	0.0	-	0.0
63.0	70.0	-	-	-	0.0	-	0.0	22.3	-	-	-	-	0.0
63.0	80.0	-	-	-	-	-	0.0	6.9	-	-	0.0	-	-
63.0	90.0	-	-	-	-	-	3.5	9.7	-	-	0.0	-	-
67.0	55.0	2.9	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	0.0	-	9.2	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	8.9	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	-	0.0	-	0.0	15.2	-	-	0.0	-	0.0
67.0	80.0	-	-	-	13.9	-	0.0	0.0	-	-	0.0	-	-
67.0	90.0	-	-	-	-	-	0.0	13.9	-	-	3.3	-	-
70.0	53.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	0.0	-	0.0	21.3	-	-	-	-	0.0
70.0	70.0	0.0	-	-	0.0	-	6.4	0.0	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	0.0	-	0.0	3.3	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	3.0	0.0	-	-	6.5	-	0.0
70.0	100.0	7.7	-	-	-	-	-	-	-	-	-	-	-
73.0	50.0	-	0.0	-	5.4	-	0.0	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	0.0	-	0.0	10.9	-	-	0.0	-	0.0
73.0	80.0	-	-	-	0.0	-	0.0	13.2	-	-	0.0	-	-
73.0	90.0	-	-	-	0.0	-	0.0	9.2	-	-	-	-	-
77.0	51.0	3.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	0.0	-	12.2	-	-	-	-	-	-
77.0	70.0	-	-	-	0.0	-	0.0	3.4	-	-	0.0	-	0.0
77.0	90.0	0.0	-	-	0.0	-	3.1	6.7	-	-	0.0	-	-
80.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	0.0	-	3.2
80.0	60.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	0.0	0.0	0.0	6.7	0.0	0.0	0.0	-	0.0
80.0	90.0	-	0.0	-	0.0	31.2	0.0	0.0	0.0	3.2	0.0	-	0.0
80.0	100.0	-	1.4	-	-	-	-	-	-	-	-	-	-
83.0	60.0	-	1.5	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	31.4	0.0	0.0	-	0.0
83.0	70.0	-	0.0	-	0.0	9.2	0.0	13.4	0.0	6.1	0.0	-	0.0
83.0	80.0	-	0.0	-	0.0	5.9	0.0	0.0	0.0	6.4	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	0.0	5.5	0.0	0.0	0.0	0.0	-	-
87.0	45.0	-	0.0	-	0.0	0.0	0.0	3.4	2.8	0.0	0.0	-	0.0
87.0	50.0	-	0.0	-	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
87.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	6.7	-	0.0
87.0	60.0	-	0.0	-	0.0	13.9	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	0.0	21.2	3.4	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	2.5	5.9	3.2	0.0	0.0	-	0.0

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 90.0	-	0.0	0.0	-	3.5	15.5	0.0	0.0	0.0	0.0	-	-
90.0 45.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	3.2	0.0	-	0.0
90.0 55.0	-	0.0	-	-	0.0	-	-	12.8	0.0	-	-	-
90.0 60.0	-	6.7	0.0	-	14.7	0.0	0.0	3.5	0.0	0.0	-	0.0
90.0 65.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0
90.0 70.0	-	0.0	0.0	-	10.5	6.5	0.0	0.0	0.0	-	-	0.0
90.0 80.0	-	0.0	0.0	-	28.1	0.0	5.6	0.0	0.0	6.4	-	0.0
90.0 90.0	-	0.0	2.5	-	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0
90.0 97.0	-	-	-	-	-	-	-	-	-	-	-	2.5
90.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	9.2
90.0 120.0	-	-	-	-	-	-	-	-	-	5.7	-	6.3
93.0 27.0	0.0	0.0	-	-	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0
93.0 28.0	0.0	0.0	0.0	-	0.0	0.0	6.2	0.0	0.0	0.0	-	0.0
93.0 30.0	0.0	0.0	0.0	-	0.0	0.0	6.3	6.8	0.0	0.0	-	0.0
93.0 35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.4	-	0.0
93.0 40.0	0.0	0.0	0.0	-	0.0	5.8	-	0.0	0.0	0.0	-	0.0
93.0 45.0	0.0	0.0	0.0	-	6.7	0.0	0.0	0.0	0.0	3.1	-	0.0
93.0 50.0	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	3.0	-	3.0
93.0 55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.2
93.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	-	3.3
93.0 65.0	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	17.7
93.0 70.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	-	9.8
93.0 80.0	5.9	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	-	-	0.0
93.0 90.0	0.0	0.0	0.0	-	3.8	0.0	6.1	-	-	3.1	-	2.6
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
93.0 120.0	-	-	-	-	-	-	-	-	-	3.1	-	3.2
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	2.6
94.0 78.0	-	-	-	-	-	-	-	-	-	2.8	-	-
97.0 30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0
97.0 32.0	0.0	-	0.0	-	-	0.0	3.4	-	-	0.0	-	0.0
97.0 35.0	0.0	0.0	5.9	-	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0 40.0	0.0	0.0	0.0	-	0.0	3.0	0.0	3.0	0.0	0.0	-	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	6.5	0.0	5.9	2.5
97.0 50.0	0.0	0.0	0.0	-	9.7	0.0	3.3	0.0	0.0	2.0	-	0.0
97.0 55.0	0.0	0.0	0.0	-	0.0	0.0	10.4	0.0	0.0	0.0	-	2.5
97.0 60.0	0.0	0.0	0.0	-	0.0	0.0	6.6	0.0	0.0	0.0	-	0.0
97.0 65.0	0.0	0.0	0.0	-	0.0	12.0	0.0	0.0	0.0	2.0	-	0.0
97.0 70.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	2.3	-	0.0
97.0 80.0	0.0	0.0	0.0	-	0.0	5.8	8.6	0.0	2.9	2.2	-	0.0
97.0 90.0	0.0	0.0	0.0	-	6.8	0.0	9.2	-	-	-	-	-
100.0 30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	5.5
100.0 35.0	0.0	0.0	-	0.0	9.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0
100.0 40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0 45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	5.7	0.0	0.0
100.0 50.0	0.0	0.0	-	0.0	3.9	0.0	13.6	0.0	0.0	0.0	-	0.0
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	3.0	0.0	-	0.0

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	4.1	3.1	0.0	3.2	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	6.6	0.0	2.9	0.0	5.9	-	0.0
100.0	70.0	3.3	0.0	-	0.0	0.0	6.4	0.0	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	3.1	-	3.6	42.4	3.2	2.9	-	-	8.4	-	5.6
100.0	90.0	5.8	-	-	0.0	17.1	0.0	10.4	-	-	-	-	-
103.0	29.0	0.0	0.0	-	0.0	0.0	-	0.8	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	2.7	0.0	0.0	0.0	-	0.0
103.0	35.0	0.0	3.1	-	0.0	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0
103.0	40.0	0.0	0.0	-	0.0	0.0	-	1.6	0.0	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	2.6
103.0	50.0	0.0	0.0	-	0.0	0.0	0.0	6.4	0.0	0.0	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	0.0	0.0	5.9	0.0	3.1	-	-	0.0
103.0	60.0	0.0	0.0	-	0.0	0.0	3.3	9.8	0.0	0.0	0.0	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	7.7
103.0	70.0	0.0	0.0	-	0.0	0.0	6.5	0.0	0.0	3.1	2.9	-	0.0
103.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	-	-	2.7
103.0	90.0	-	-	-	0.0	6.3	6.4	-	-	-	-	-	-
107.0	31.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	2.3	-	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0	2.5	0.0	0.0
107.0	40.0	3.5	0.0	-	0.0	0.0	-	10.4	0.0	0.0	0.0	-	2.5
107.0	45.0	0.0	0.0	-	0.0	0.0	-	5.5	0.0	0.0	0.0	0.0	0.0
107.0	50.0	3.2	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	1.9
107.0	65.0	0.0	-	0.0	7.9	0.0	-	0.0	0.0	9.3	0.0	-	0.0
107.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.5
107.0	90.0	-	-	-	2.9	3.0	-	-	-	-	-	-	-
110.0	35.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	0.0	9.8	0.0	-	2.9
110.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.3	0.0	2.9	11.0
110.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	5.6	3.2	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	6.5	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	12.0	0.0	12.3	3.1	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	6.4	9.1	10.6	-	2.8
110.0	70.0	2.8	-	0.0	7.2	0.0	-	0.0	6.0	0.0	0.0	-	0.0
110.0	80.0	0.0	-	3.1	0.0	0.0	-	0.0	-	-	-	-	0.0
110.0	90.0	5.6	-	-	0.0	0.0	-	-	-	-	-	-	-
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	6.1	0.0	0.0	0.0	7.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	-	2.4
113.0	45.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	2.9	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	3.0	0.0	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	6.5	0.0	2.8	3.2	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	3.7	0.0	0.0	-	0.0
113.0	70.0	6.0	-	7.1	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
113.0	80.0	0.0	-	-	3.0	0.0	-	0.0	-	-	-	-	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.3	2.9	-	0.0

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	45.0	0.0	-	9.5	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
117.0	60.0	0.0	-	0.0	7.8	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	65.0	0.0	-	6.3	0.0	0.0	-	0.0	0.0	3.0	6.2	-	2.8
117.0	70.0	0.0	-	2.8	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
117.0	80.0	0.0	-	-	0.0	3.1	-	0.0	-	-	-	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	3.1	0.0	0.0	0.0	-	0.0
120.0	45.0	2.7	-	0.0	0.0	0.0	-	0.0	0.0	-	3.3	0.0	0.0
120.0	50.0	6.0	-	0.0	8.5	0.0	-	3.2	0.0	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	3.1	7.0	-	0.0	0.0	-	0.0	-	2.6
120.0	60.0	0.0	-	0.0	14.4	0.0	-	0.0	9.7	-	-	-	0.0
120.0	65.0	0.0	-	-	25.7	0.0	-	0.0	0.0	-	0.0	-	21.4
120.0	70.0	18.1	-	-	2.8	0.0	-	0.0	0.0	-	3.3	-	0.0
120.0	80.0	5.8	-	-	0.0	3.3	-	0.0	-	-	-	-	0.0
123.0	37.0	-	2.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	9.6	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	15.8	-	-	3.1	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	10.9	-	3.1
123.0	50.0	0.0	-	-	13.8	0.0	-	0.0	3.1	-	3.0	0.0	5.9
123.0	55.0	2.9	-	-	3.3	3.3	-	0.0	0.0	-	3.1	-	3.1
123.0	60.0	0.0	-	-	0.0	19.8	-	2.8	3.2	-	14.6	6.5	18.8
123.0	65.0	2.8	-	-	-	0.0	-	2.8	-	-	-	-	-
123.0	70.0	10.2	-	-	-	3.4	-	0.0	-	-	-	-	-
123.0	80.0	2.9	-	-	-	-	-	0.0	-	-	-	-	-
127.0	40.0	-	0.0	-	0.0	0.0	-	8.9	0.0	-	3.1	0.0	0.0
127.0	45.0	-	3.3	-	0.0	0.0	-	0.0	13.0	-	0.0	-	2.9
127.0	50.0	-	2.6	-	0.0	3.3	-	0.0	3.1	-	0.0	1.4	0.0
127.0	55.0	-	15.3	-	2.9	3.3	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	0.0	-	0.0	29.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	65.0	-	0.0	-	-	3.4	-	0.0	-	-	-	-	-
127.0	70.0	-	0.0	-	-	3.3	-	6.0	-	-	-	-	-
127.0	80.0	-	9.7	-	-	-	-	8.1	-	-	-	-	-
130.0	40.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
130.0	45.0	-	2.8	-	3.5	13.6	-	2.6	44.9	-	0.0	-	3.0
130.0	50.0	-	0.0	-	0.0	0.0	-	2.8	12.8	-	0.0	0.0	3.1
130.0	55.0	-	0.0	-	3.0	7.0	-	2.9	8.6	-	0.0	-	2.6
130.0	60.0	-	2.9	-	3.6	0.0	-	8.4	26.4	-	0.0	0.0	0.0
130.0	65.0	-	-	-	-	10.9	-	8.7	-	-	-	-	-
130.0	70.0	-	6.5	-	-	0.0	-	10.6	-	-	-	-	-
130.0	80.0	-	18.6	-	-	-	-	19.0	-	-	-	-	-
130.0	90.0	-	0.0	-	-	-	-	10.4	-	-	-	-	-
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	7.0	-	3.0	-	0.0
133.0	40.0	-	6.1	-	0.0	0.0	-	14.3	13.4	-	0.0	0.0	2.9
133.0	45.0	-	17.1	-	0.0	0.0	-	5.8	16.5	-	0.0	-	-
133.0	50.0	-	2.8	-	3.9	0.0	-	0.0	3.2	-	0.0	0.0	-
133.0	55.0	-	6.0	-	3.8	0.0	-	2.8	0.0	-	2.6	-	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	60.0	-	5.9	-	2.9	7.0	-	8.8	0.0	-	0.0	0.0	-
137.0	30.0	-	0.0	-	0.0	0.0	-	2.9	3.1	-	0.0	0.0	0.0
137.0	35.0	-	2.8	-	0.0	0.0	-	0.0	46.6	-	2.5	0.0	0.0
137.0	40.0	-	3.0	-	3.9	0.0	-	0.0	6.0	-	0.0	3.2	0.0
137.0	45.0	-	5.9	-	0.0	7.0	-	-	11.3	-	5.7	-	-
137.0	50.0	-	0.0	-	0.0	3.3	-	2.9	3.0	-	0.0	5.8	-
137.0	55.0	-	0.0	-	26.3	0.0	-	0.0	15.3	-	0.0	-	-
137.0	60.0	-	6.1	-	0.0	9.9	-	2.6	6.2	-	0.0	0.0	-
140.0	60.0	-	-	-	-	-	-	-	-	-	-	21.4	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	8.8	-
143.0	40.0	-	-	-	-	-	-	-	-	-	-	6.1	-
143.0	50.0	-	-	-	-	-	-	-	-	-	-	8.7	-
143.0	60.0	-	-	-	-	-	-	-	-	-	-	12.6	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	3.2	-
147.0	25.0	-	-	-	-	-	-	-	-	-	-	3.0	-
147.0	50.0	-	-	-	-	-	-	-	-	-	-	6.0	-
147.0	60.0	-	-	-	-	-	-	-	-	-	-	12.2	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	4.6	-
150.0	25.0	-	-	-	-	-	-	-	-	-	-	14.9	-
150.0	30.0	-	-	-	-	-	-	-	-	-	-	12.5	-
150.0	50.0	-	-	-	-	-	-	-	-	-	-	5.9	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	6.2	-
153.0	20.0	-	-	-	-	-	-	-	-	-	-	11.9	-
153.0	40.0	-	-	-	-	-	-	-	-	-	-	2.9	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	29.1	-
153.0	60.0	-	-	-	-	-	-	-	-	-	-	82.3	-

Lampanyctus regalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	-	0.0	-	2.8	0.0	-	-	0.0	-	0.0
60.0	70.0	0.0	-	-	0.0	-	0.0	9.6	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	6.0	3.2	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	0.0	3.6	-	-	0.0	-	0.0
63.0	80.0	-	-	-	-	-	0.0	3.4	-	-	0.0	-	-
67.0	65.0	-	-	-	0.0	-	6.4	-	-	-	-	-	-
70.0	65.0	0.0	-	-	0.0	-	6.4	-	-	-	-	-	-
70.0	70.0	0.0	-	-	0.0	-	0.0	3.1	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	0.0	-	3.2	0.0	-	-	3.0	-	0.0
73.0	65.0	-	-	-	-	-	3.3	-	-	-	-	-	-
73.0	70.0	-	-	-	0.0	-	6.4	3.6	-	-	0.0	-	0.0
73.0	80.0	-	-	-	0.0	-	6.3	0.0	-	-	0.0	-	-
73.0	90.0	-	-	-	0.0	-	6.6	0.0	-	-	-	-	-
77.0	70.0	-	-	-	0.0	-	9.1	0.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Lampanyctus regalis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	80.0	0.0	–	–	0.0	–	0.0	3.4	–	–	0.0	–	–
80.0	65.0	–	0.0	–	0.0	3.3	0.0	0.0	0.0	0.0	0.0	–	0.0
80.0	80.0	–	0.0	–	0.0	6.9	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	43.0	–	0.0	–	0.0	5.9	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	60.0	–	0.0	–	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0
83.0	70.0	–	0.0	–	0.0	0.0	0.0	0.0	3.2	0.0	0.0	–	0.0
83.0	80.0	–	0.0	–	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	90.0	–	0.0	–	0.0	3.4	0.0	0.0	0.0	0.0	0.0	–	–
87.0	65.0	–	0.0	–	0.0	3.1	0.0	0.0	0.0	0.0	3.1	–	0.0
87.0	70.0	–	0.0	0.0	–	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0
87.0	90.0	–	0.0	0.0	–	7.1	0.0	0.0	0.0	0.0	0.0	–	–
90.0	53.0	–	–	0.0	–	–	5.8	0.0	–	–	0.0	–	0.0
90.0	60.0	–	0.0	0.0	–	3.7	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0	65.0	–	0.0	0.0	–	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0
93.0	70.0	0.0	0.0	0.0	–	2.0	2.8	–	0.0	0.0	–	–	0.0
93.0	80.0	0.0	0.0	0.0	–	1.7	6.2	0.0	0.0	0.0	–	–	0.0
93.0	90.0	0.0	0.0	0.0	–	1.9	0.0	0.0	–	–	0.0	–	0.0
97.0	70.0	0.0	0.0	0.0	–	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0
100.0	50.0	0.0	0.0	–	0.0	0.0	3.3	0.0	0.0	0.0	0.0	–	0.0
100.0	55.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.0	0.0	–	0.0
100.0	80.0	0.0	0.0	–	3.6	3.5	0.0	0.0	–	–	0.0	–	0.0
100.0	90.0	0.0	–	–	3.5	0.0	0.0	0.0	–	–	–	–	–
103.0	80.0	0.0	0.0	–	0.0	3.1	0.0	0.0	–	–	–	–	0.0
107.0	60.0	0.0	0.0	–	3.5	0.0	–	0.0	0.0	0.0	0.0	–	0.0

Lampanyctus ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	–	–	0.0	–	2.8	0.0	–	–	0.0	–	0.0
60.0	65.0	0.0	–	–	11.8	–	3.2	–	–	–	–	–	–
60.0	70.0	0.0	–	–	0.0	–	0.0	44.8	–	–	3.3	–	0.0
60.0	80.0	0.0	–	–	–	–	12.0	38.8	–	–	5.0	–	0.0
60.0	90.0	0.0	–	–	–	–	3.7	0.0	–	–	0.0	–	4.8
63.0	60.0	0.0	–	–	0.0	–	0.0	3.3	–	–	0.0	–	0.0
63.0	65.0	–	–	–	23.4	–	8.5	–	–	–	–	–	–
63.0	70.0	–	–	–	13.9	–	0.0	0.0	–	–	–	–	0.0
63.0	80.0	–	–	–	–	–	0.0	6.9	–	–	3.0	–	–
67.0	55.0	0.0	–	–	0.0	–	33.5	0.0	–	–	0.0	–	0.0
67.0	60.0	0.0	–	–	0.0	–	3.1	0.0	–	–	–	–	0.0
67.0	65.0	–	–	–	0.0	–	6.4	–	–	–	–	–	–
67.0	70.0	–	–	–	5.9	–	0.0	0.0	–	–	3.4	–	0.0
67.0	80.0	–	–	–	0.0	–	13.0	6.7	–	–	0.0	–	–
67.0	90.0	–	–	–	–	–	6.4	0.0	–	–	0.0	–	–
70.0	51.0	6.2	–	–	2.9	–	3.0	0.0	–	–	0.0	–	0.0
70.0	53.0	3.4	–	–	3.0	–	0.0	0.0	–	–	0.0	–	0.0

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 60.0	0.0	-	-	12.4	-	0.0	0.0	-	-	-	-	0.0
70.0 65.0	0.0	-	-	31.8	-	12.7	-	-	-	-	-	-
70.0 70.0	0.0	-	-	64.5	-	3.2	9.4	-	-	0.0	-	0.0
70.0 80.0	3.6	-	-	33.0	-	3.3	0.0	-	-	0.0	-	0.0
70.0 90.0	3.5	-	-	-	-	6.1	0.0	-	-	0.0	-	3.1
73.0 53.0	-	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
73.0 60.0	-	0.0	-	8.6	-	3.2	0.0	-	-	3.0	-	0.0
73.0 65.0	-	-	-	-	-	6.5	-	-	-	-	-	-
73.0 70.0	-	-	-	16.8	-	12.8	0.0	-	-	0.0	-	0.0
73.0 80.0	-	-	-	22.2	-	3.1	0.0	-	-	0.0	-	-
73.0 90.0	-	-	-	25.7	-	13.2	0.0	-	-	-	-	-
77.0 51.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.3	-	0.0
77.0 55.0	-	0.0	-	0.0	-	7.0	0.0	-	-	0.0	-	0.0
77.0 60.0	-	3.4	-	8.2	-	0.0	0.0	-	-	0.0	-	0.0
77.0 65.0	-	-	-	13.4	-	0.0	-	-	-	-	-	-
77.0 70.0	-	-	-	11.0	-	6.1	0.0	-	-	0.0	-	0.0
77.0 80.0	0.0	-	-	17.0	-	0.0	13.6	-	-	0.0	-	-
77.0 90.0	0.0	-	-	11.4	-	0.0	0.0	-	-	0.0	-	-
80.0 51.0	-	0.0	-	0.0	2.1	0.0	0.0	1.8	0.0	0.0	-	0.0
80.0 52.0	-	1.6	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 55.0	-	0.0	-	10.1	10.6	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 60.0	-	1.7	-	0.0	10.4	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0 65.0	-	8.4	-	9.5	3.3	3.0	3.1	0.0	0.0	0.0	-	0.0
80.0 70.0	-	5.8	-	24.1	3.3	17.3	0.0	17.3	9.5	0.0	-	6.5
80.0 80.0	-	5.9	-	6.1	0.0	16.6	3.3	19.9	6.4	0.0	-	0.0
80.0 90.0	-	20.6	-	5.5	0.0	3.0	3.2	3.3	0.0	15.3	-	0.0
80.0 100.0	-	1.4	-	-	-	-	-	-	-	-	-	-
83.0 51.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	2.9
83.0 55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0
83.0 60.0	-	0.0	-	3.0	0.0	2.8	0.0	9.0	0.0	0.0	-	0.0
83.0 65.0	-	21.1	-	3.0	0.0	6.1	6.7	9.4	0.0	0.0	-	0.0
83.0 70.0	-	15.4	-	9.4	0.0	0.0	0.0	0.0	0.0	3.7	-	0.0
83.0 80.0	-	1.6	-	91.3	0.0	3.0	0.0	6.0	6.4	3.5	-	0.0
83.0 90.0	-	1.6	-	88.2	20.6	5.5	0.0	6.1	0.0	3.3	-	-
87.0 50.0	-	0.0	-	5.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 55.0	-	6.1	-	3.1	3.3	2.7	0.0	0.0	0.0	0.0	-	0.0
87.0 60.0	-	0.0	-	47.6	0.0	17.4	12.8	18.8	0.0	0.0	-	0.0
87.0 65.0	-	13.7	-	13.8	6.2	0.0	6.4	0.0	3.1	0.0	-	3.3
87.0 70.0	-	3.1	71.0	-	11.3	3.0	0.0	0.0	0.0	0.0	-	3.0
87.0 80.0	-	5.9	10.0	-	7.3	0.0	0.0	0.0	0.0	0.0	-	11.8
87.0 90.0	-	3.0	22.5	-	24.8	0.0	0.0	3.2	12.2	0.0	-	-
90.0 32.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	5.7	0.0	-	0.0
90.0 37.0	-	0.0	0.0	-	0.0	0.0	6.6	3.5	0.0	13.3	-	0.0
90.0 45.0	-	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
90.0 50.0	-	3.3	-	-	23.9	-	-	0.0	0.0	-	-	-
90.0 53.0	-	-	2.9	-	-	11.6	0.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	55.0	–	0.0	–	–	23.2	–	–	0.0	3.4	–	–	–
90.0	60.0	–	3.4	3.1	–	7.3	0.0	0.0	0.0	0.0	0.0	–	5.7
90.0	65.0	–	35.2	13.3	–	13.5	2.7	0.0	10.7	0.0	0.0	–	0.0
90.0	70.0	–	3.3	38.2	–	7.0	9.8	0.0	3.1	0.0	–	–	3.3
90.0	80.0	–	3.0	13.3	–	7.0	2.8	0.0	9.6	3.5	16.0	–	6.0
90.0	90.0	–	3.2	9.8	–	30.1	0.0	0.0	13.4	6.2	0.0	–	0.0
90.0	97.0	–	–	–	–	–	–	–	–	–	–	–	2.5
90.0	100.0	–	10.1	–	–	–	–	2.9	–	–	3.0	–	–
90.0	110.0	–	–	–	–	–	–	–	–	–	0.0	–	9.2
90.0	120.0	–	–	–	–	–	–	–	–	–	0.0	–	3.2
93.0	27.0	7.4	2.5	–	–	0.0	0.0	0.0	3.6	0.0	0.0	–	0.0
93.0	30.0	0.0	5.7	6.4	–	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0
93.0	35.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.1	0.0	–	0.0
93.0	40.0	3.1	3.3	14.1	–	5.1	0.0	–	0.0	0.0	9.6	–	0.0
93.0	45.0	15.1	6.7	3.0	–	0.0	0.0	0.0	6.6	3.0	0.0	–	0.0
93.0	50.0	2.8	5.9	9.7	–	5.3	0.0	0.0	3.5	3.3	0.0	–	0.0
93.0	55.0	0.0	36.7	12.6	–	14.4	0.0	0.0	0.0	0.0	2.9	–	0.0
93.0	60.0	30.0	25.0	18.3	–	1.7	9.1	0.0	0.0	6.4	0.0	–	0.0
93.0	65.0	0.0	9.5	0.0	–	0.0	0.0	0.0	0.0	6.5	0.0	–	0.0
93.0	70.0	3.0	3.3	2.7	–	1.7	16.9	–	0.0	0.0	–	–	0.0
93.0	80.0	0.0	0.0	18.1	–	31.4	15.4	0.0	0.0	0.0	–	–	3.3
93.0	90.0	33.4	32.5	24.1	–	18.4	24.8	0.0	–	–	0.0	–	0.0
93.0	100.0	–	–	–	–	6.8	–	–	–	–	0.0	–	0.0
97.0	30.0	1.4	1.5	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
97.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	3.1	0.0	0.0	0.0	10.2
97.0	40.0	23.8	3.5	24.7	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
97.0	45.0	20.9	9.5	17.8	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	25.8	58.0	34.2	–	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0
97.0	55.0	3.0	12.7	9.3	–	11.8	3.3	0.0	0.0	9.1	1.9	–	0.0
97.0	60.0	0.0	9.2	6.2	–	17.6	7.5	0.0	6.1	6.5	0.0	–	0.0
97.0	65.0	15.1	3.0	8.6	–	3.6	0.0	3.1	5.8	0.0	0.0	–	0.0
97.0	70.0	0.0	6.3	24.9	–	3.6	6.0	0.0	5.8	0.0	0.0	–	10.8
97.0	80.0	0.0	35.6	62.7	–	0.0	2.9	0.0	0.0	0.0	0.0	–	8.2
97.0	90.0	7.7	5.4	40.7	–	0.0	0.0	0.0	–	–	–	–	–
100.0	29.0	0.0	6.6	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
100.0	30.0	0.0	3.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
100.0	35.0	0.0	9.3	–	8.1	19.1	0.0	0.0	9.5	3.2	0.0	0.0	0.0
100.0	40.0	9.2	9.3	–	5.8	0.0	6.7	0.0	0.0	0.0	0.0	–	0.0
100.0	45.0	19.6	3.4	–	11.2	3.2	0.0	0.0	0.0	3.2	0.0	0.0	5.5
100.0	50.0	8.8	2.7	–	0.0	0.0	6.5	0.0	0.0	0.0	0.0	–	8.3
100.0	55.0	3.6	15.2	–	6.2	0.0	10.0	0.0	0.0	0.0	0.0	–	6.9
100.0	60.0	0.0	2.9	–	7.0	3.9	6.6	0.0	0.0	3.0	0.0	–	2.6
100.0	65.0	8.7	10.5	–	15.3	3.8	0.0	0.0	0.0	0.0	0.0	–	0.0
100.0	70.0	19.8	0.0	–	0.0	14.7	0.0	3.6	2.8	0.0	0.0	–	0.0
100.0	80.0	14.7	21.8	–	10.8	0.0	6.5	0.0	–	–	0.0	–	0.0
100.0	90.0	0.0	–	–	31.3	0.0	0.0	0.0	–	–	–	–	–

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 100.0	0.0	-	-	-	-	-	3.1	-	-	-	-	-
103.0 29.0	0.0	0.0	-	0.0	0.0	-	0.0	1.6	0.0	0.0	-	0.0
103.0 30.0	0.0	0.0	-	0.0	0.0	-	0.0	14.7	0.0	0.0	-	0.0
103.0 35.0	0.0	12.5	-	16.3	3.3	-	0.0	0.0	0.0	0.0	0.0	2.5
103.0 40.0	0.0	26.9	-	10.5	9.3	-	3.3	0.0	0.0	0.0	-	0.0
103.0 45.0	6.2	28.4	-	6.1	3.7	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0 50.0	9.9	10.0	-	14.8	6.5	27.0	0.0	0.0	0.0	0.0	-	0.0
103.0 55.0	3.0	22.3	-	11.6	20.5	10.4	0.0	0.0	0.0	-	-	0.0
103.0 60.0	16.0	3.3	-	3.0	19.5	0.0	6.5	0.0	6.5	0.0	-	2.5
103.0 65.0	9.1	6.1	-	5.6	27.9	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 70.0	11.8	3.2	-	6.0	6.3	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 80.0	3.0	35.2	-	7.2	3.1	0.0	0.0	-	-	-	-	0.0
103.0 90.0	-	-	-	16.2	0.0	0.0	-	-	-	-	-	-
107.0 31.0	0.0	2.8	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0 32.0	0.0	2.5	-	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
107.0 35.0	0.0	0.0	-	0.0	3.5	-	0.0	13.4	0.0	0.0	0.0	0.0
107.0 40.0	0.0	12.0	-	25.7	0.0	-	0.0	3.1	0.0	0.0	-	0.0
107.0 45.0	3.1	2.8	-	7.3	6.6	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0 50.0	0.0	6.3	-	20.3	14.2	-	6.0	3.3	0.0	0.0	-	0.0
107.0 55.0	3.3	14.5	-	7.3	6.8	-	0.0	0.0	12.3	0.0	-	0.0
107.0 60.0	12.2	15.0	-	10.6	13.2	-	0.0	0.0	9.1	0.0	-	0.0
107.0 65.0	2.8	-	6.6	0.0	12.9	-	0.0	0.0	0.0	0.0	-	2.8
107.0 70.0	0.0	-	9.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0 80.0	9.2	-	9.2	0.0	0.0	-	15.9	-	-	-	-	0.0
107.0 90.0	-	-	-	8.6	0.0	-	-	-	-	-	-	-
110.0 35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0
110.0 40.0	0.0	-	0.0	0.0	23.3	-	-	0.0	0.0	6.8	-	0.0
110.0 45.0	2.7	-	5.9	0.0	19.9	-	6.3	0.0	0.0	0.0	0.0	0.0
110.0 50.0	5.9	-	23.9	0.0	14.0	-	5.2	0.0	0.0	0.0	-	0.0
110.0 55.0	5.7	-	16.4	0.0	3.5	-	9.5	0.0	0.0	0.0	-	0.0
110.0 60.0	20.8	-	8.7	0.0	10.1	-	6.0	0.0	0.0	3.1	-	0.0
110.0 65.0	19.5	-	3.2	0.0	3.2	-	0.0	0.0	0.0	0.0	-	0.0
110.0 70.0	2.8	-	2.9	0.0	3.1	-	0.0	6.0	0.0	0.0	-	0.0
110.0 80.0	6.1	-	0.0	0.0	0.0	-	0.0	-	-	-	-	15.1
110.0 90.0	8.4	-	-	0.0	0.0	-	-	-	-	-	-	-
113.0 35.0	12.4	-	9.5	8.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0 40.0	3.2	-	13.3	3.1	0.0	-	0.0	0.0	0.0	6.5	-	0.0
113.0 45.0	0.0	-	11.6	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	4.9
113.0 50.0	0.0	-	5.7	0.0	6.6	-	3.2	0.0	0.0	0.0	-	5.2
113.0 55.0	5.8	-	0.0	2.6	9.4	-	0.0	0.0	2.9	0.0	-	0.0
113.0 65.0	13.4	-	0.0	12.5	6.8	-	3.3	0.0	0.0	3.0	-	0.0
113.0 70.0	0.0	-	3.6	9.5	6.3	-	6.3	0.0	0.0	0.0	-	0.0
113.0 80.0	0.0	-	-	3.0	37.3	-	0.0	-	-	-	-	0.0
117.0 26.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0
117.0 30.0	0.0	-	2.7	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0 35.0	0.0	-	0.0	0.0	3.0	-	0.0	0.0	3.3	0.0	0.0	4.2

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0 40.0	5.3	–	0.0	0.0	6.4	–	0.0	0.0	0.0	0.0	–	0.0
117.0 45.0	3.2	–	0.0	0.0	0.0	–	3.1	0.0	0.0	0.0	0.0	0.0
117.0 50.0	2.9	–	2.9	3.1	0.0	–	3.1	0.0	0.0	0.0	–	0.0
117.0 55.0	0.0	–	3.1	0.0	3.3	–	0.0	0.0	0.0	0.0	–	0.0
117.0 60.0	0.0	–	2.8	0.0	0.0	–	3.1	0.0	0.0	0.0	–	5.8
117.0 65.0	2.9	–	0.0	0.0	9.6	–	0.0	0.0	0.0	0.0	–	0.0
117.0 70.0	0.0	–	0.0	6.3	0.0	–	0.0	0.0	0.0	0.0	–	2.6
117.0 80.0	0.0	–	–	0.0	0.0	–	0.0	–	–	–	–	5.6
120.0 45.0	0.0	–	0.0	0.0	0.0	–	9.9	0.0	–	0.0	0.0	0.0
120.0 50.0	0.0	–	3.3	0.0	3.0	–	0.0	0.0	–	0.0	–	0.0
120.0 55.0	5.7	–	0.0	0.0	3.5	–	0.0	0.0	–	0.0	–	0.0
120.0 60.0	0.0	–	8.7	3.6	3.0	–	0.0	0.0	–	–	–	0.0
120.0 65.0	2.3	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0
120.0 90.0	8.1	–	–	–	–	–	–	–	–	–	–	–
123.0 40.0	0.0	–	–	–	3.3	–	–	0.0	–	–	0.0	–
123.0 45.0	0.0	–	–	0.0	6.8	–	0.0	0.0	–	0.0	–	0.0
123.0 50.0	0.0	–	–	0.0	3.4	–	0.0	0.0	–	0.0	0.0	0.0
127.0 55.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0	–	2.7
130.0 35.0	–	0.0	–	0.0	2.7	–	0.0	0.0	–	0.0	0.0	0.0
133.0 45.0	–	0.0	–	0.0	10.2	–	0.0	0.0	–	0.0	–	–
133.0 50.0	–	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0	0.0	–

Notolychnus valdiviae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 80.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0
90.0 120.0	–	–	–	–	–	–	–	–	–	2.8	–	0.0
90.0 130.0	–	–	–	–	–	–	–	–	–	–	–	3.0
93.0 130.0	–	–	–	–	–	–	–	–	–	–	–	2.6
94.0 139.0	–	–	–	–	–	–	–	–	–	–	–	3.0
100.0 45.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
100.0 70.0	0.0	0.0	–	0.0	3.7	0.0	0.0	0.0	0.0	0.0	–	0.0
100.0 80.0	0.0	0.0	–	14.4	0.0	0.0	0.0	–	–	0.0	–	0.0
100.0 90.0	0.0	–	–	0.0	0.0	0.0	3.5	–	–	–	–	–
103.0 65.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	0.0	0.0	–	0.0
103.0 70.0	0.0	0.0	–	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0
103.0 80.0	0.0	3.2	–	0.0	0.0	0.0	0.0	–	–	–	–	0.0
103.0 90.0	–	–	–	3.2	3.2	0.0	–	–	–	–	–	–
107.0 55.0	0.0	0.0	–	0.0	3.4	–	0.0	0.0	0.0	0.0	–	0.0
107.0 70.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.5
107.0 90.0	–	–	–	2.9	0.0	–	–	–	–	–	–	–
110.0 60.0	0.0	–	0.0	0.0	0.0	–	3.0	0.0	0.0	0.0	–	0.0
110.0 65.0	0.0	–	0.0	0.0	0.0	–	0.0	3.2	0.0	0.0	–	0.0
113.0 60.0	0.0	–	0.0	0.0	–	–	0.0	0.0	2.8	0.0	–	0.0
113.0 80.0	0.0	–	–	0.0	3.4	–	0.0	–	–	–	–	0.0

TABLE 4. (cont.)

Notolychnus valdiviae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0 60.0	-	-	-	-	-	-	-	-	-	-	3.0	-

Notoscopelus resplendens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 90.0	-	0.0	4.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 100.0	-	0.0	-	-	-	-	0.0	-	-	3.0	-	-
93.0 80.0	0.0	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	-	-	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0
97.0 55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0 60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	6.5	-	0.0
100.0 65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	8.8	-	0.0
100.0 70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	9.5	3.5	-	0.0
100.0 90.0	0.0	-	-	3.5	0.0	0.0	0.0	-	-	-	-	-
100.0 100.0	3.0	-	-	-	-	-	0.0	-	-	-	-	-
103.0 60.0	0.0	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 65.0	0.0	0.0	-	0.0	0.0	0.0	7.6	3.0	0.0	0.0	-	0.0
103.0 70.0	3.0	0.0	-	0.0	3.2	0.0	8.9	3.0	0.0	11.6	-	0.0
103.0 80.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	-	-	-	0.0
103.0 90.0	-	-	-	9.7	0.0	0.0	-	-	-	-	-	-
107.0 32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0
107.0 45.0	0.0	0.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0 55.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
107.0 60.0	3.0	0.0	-	3.5	6.6	-	0.0	0.0	3.0	0.0	-	0.0
107.0 65.0	0.0	-	0.0	3.9	0.0	-	0.0	0.0	15.5	0.0	-	0.0
107.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	3.3	-	0.0
107.0 80.0	0.0	-	0.0	0.0	3.1	-	0.0	-	-	-	-	0.0
107.0 90.0	-	-	-	5.7	0.0	-	-	-	-	-	-	-
110.0 45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0
110.0 55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	-	0.0
110.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.0	7.1	-	0.0
110.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	12.3	6.8	-	0.0
113.0 35.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
113.0 40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	-	0.0
113.0 45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	5.8	0.0	0.0
113.0 50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
113.0 55.0	0.0	-	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0
113.0 60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0	3.2	-	0.0
117.0 45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.8	0.0	0.0
117.0 50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.8	-	0.0
123.0 60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.9	0.0	0.0
127.0 55.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1	-	0.0
130.0 50.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	0.0
130.0 80.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	4.3	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.4
60.0	52.0	15.8	-	-	28.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	55.0	203.0	-	-	64.0	-	12.8	12.6	-	-	3.0	-	7.9
60.0	60.0	17.7	-	-	0.0	-	34.0	19.1	-	-	0.0	-	10.9
60.0	65.0	0.0	-	-	207.2	-	119.5	-	-	-	-	-	-
60.0	70.0	0.0	-	-	188.4	-	103.3	41.6	-	-	0.0	-	14.9
60.0	80.0	13.9	-	-	-	-	663.8	29.1	-	-	0.0	-	9.0
60.0	90.0	0.0	-	-	-	-	18.5	0.0	-	-	0.0	-	2.4
60.0	100.0	6.6	-	-	-	-	-	-	-	-	-	-	-
63.0	50.0	16.3	-	-	0.0	-	1.2	0.0	-	-	0.0	-	0.0
63.0	52.0	71.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	14.6
63.0	55.0	2.5	-	-	183.5	-	0.0	11.3	-	-	0.0	-	2.5
63.0	60.0	23.2	-	-	185.0	-	64.6	0.0	-	-	0.0	-	18.4
63.0	65.0	-	-	-	2055.7	-	82.4	-	-	-	-	-	-
63.0	70.0	-	-	-	307.5	-	31.7	0.0	-	-	-	-	0.0
63.0	80.0	-	-	-	-	-	165.5	20.6	-	-	0.0	-	-
63.0	90.0	-	-	-	-	-	17.5	0.0	-	-	0.0	-	-
67.0	48.0	36.2	-	-	13.9	-	0.0	-	-	-	0.0	-	0.0
67.0	50.0	53.0	-	-	291.9	-	0.0	0.0	-	-	2.9	-	14.3
67.0	55.0	28.6	-	-	136.8	-	36.6	0.0	-	-	0.0	-	23.4
67.0	58.0	-	-	-	-	-	-	-	-	-	3.2	-	-
67.0	60.0	109.2	-	-	166.9	-	21.5	0.0	-	-	-	-	33.5
67.0	65.0	-	-	-	393.4	-	6.4	-	-	-	-	-	-
67.0	70.0	-	-	-	209.4	-	0.0	24.3	-	-	0.0	-	5.8
67.0	80.0	-	-	-	16.7	-	0.0	0.0	-	-	3.4	-	-
67.0	90.0	-	-	-	-	-	6.4	0.0	-	-	0.0	-	-
70.0	51.0	409.6	-	-	319.4	-	15.1	0.0	-	-	0.0	-	8.3
70.0	53.0	1021.1	-	-	246.0	-	37.0	0.0	-	-	0.0	-	0.0
70.0	60.0	12.1	-	-	350.3	-	50.1	14.2	-	-	-	-	10.2
70.0	65.0	0.0	-	-	271.7	-	12.7	-	-	-	-	-	-
70.0	70.0	0.0	-	-	652.2	-	19.3	0.0	-	-	0.0	-	6.1
70.0	80.0	3.6	-	-	81.0	-	0.0	0.0	-	-	0.0	-	5.8
70.0	90.0	3.5	-	-	-	-	9.1	0.0	-	-	0.0	-	3.1
70.0	100.0	2.6	-	-	-	-	-	-	-	-	-	-	-
73.0	50.0	-	0.0	-	225.1	-	8.1	0.0	-	-	0.0	-	0.0
73.0	53.0	-	39.4	-	302.9	-	13.3	0.0	-	-	0.0	-	0.0
73.0	60.0	-	18.7	-	94.0	-	6.3	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	117.6	-	0.0	0.0	-	-	0.0	-	0.0
73.0	80.0	-	-	-	235.4	-	12.6	0.0	-	-	0.0	-	-
73.0	90.0	-	-	-	74.4	-	53.0	0.0	-	-	-	-	-
77.0	48.0	7.3	-	-	29.9	-	2.5	0.0	-	-	0.0	-	0.0
77.0	51.0	25.9	-	-	187.9	-	27.0	0.0	-	-	0.0	-	87.6
77.0	55.0	-	79.3	-	52.9	-	14.0	0.0	-	-	0.0	-	9.0
77.0	60.0	-	160.7	-	378.1	-	6.5	0.0	-	-	3.0	-	2.9
77.0	65.0	-	-	-	1046.6	-	12.2	-	-	-	-	-	-
77.0	70.0	-	-	-	476.8	-	9.1	0.0	-	-	0.0	-	3.0

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	80.0	12.9	-	-	289.7	-	26.8	0.0	-	-	0.0	-	-
77.0	90.0	3.4	-	-	39.8	-	0.0	0.0	-	-	0.0	-	-
80.0	51.0	-	13.6	-	470.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	62.5	-	249.3	241.8	3.1	0.0	0.0	0.0	0.0	-	6.2
80.0	55.0	-	254.8	-	217.8	34.5	35.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	82.0	-	114.0	24.1	51.1	0.0	0.0	0.0	0.0	-	0.0
80.0	65.0	-	166.1	-	85.7	6.6	6.0	0.0	3.3	0.0	0.0	-	0.0
80.0	70.0	-	64.3	-	179.6	49.3	40.5	0.0	24.2	0.0	0.0	-	9.8
80.0	80.0	-	11.5	-	54.5	264.1	0.0	0.0	13.3	0.0	0.0	-	0.0
80.0	90.0	-	10.9	-	82.5	143.5	0.0	0.0	6.6	0.0	0.0	-	0.0
82.0	47.0	-	22.5	-	396.0	322.9	0.0	0.0	0.0	0.0	0.0	-	20.8
83.0	40.0	-	1.0	-	0.7	14.1	0.0	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	37.8	-	39.9	502.7	0.0	0.0	0.0	0.0	3.1	-	0.0
83.0	51.0	-	101.0	-	43.7	52.9	8.2	0.0	0.0	0.0	0.0	-	0.0
83.0	55.0	-	48.4	-	137.7	40.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	32.6	-	298.0	84.6	46.9	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	24.3	-	162.5	50.9	27.5	0.0	0.0	0.0	0.0	-	0.0
83.0	70.0	-	26.2	-	0.0	27.7	28.3	0.0	0.0	0.0	0.0	-	0.0
83.0	80.0	-	17.0	-	156.5	17.8	3.0	0.0	0.0	0.0	0.0	-	0.0
83.0	90.0	-	3.2	-	14.7	48.2	0.0	3.2	0.0	0.0	0.0	-	-
87.0	33.0	-	55.5	-	-	5.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	35.0	-	98.8	-	82.9	86.3	0.0	0.0	0.0	0.0	0.0	-	2.5
87.0	40.0	-	63.0	-	44.5	128.3	0.0	0.0	0.0	0.0	0.0	-	3.7
87.0	45.0	-	124.7	-	88.0	114.5	0.0	0.0	0.0	0.0	0.0	-	3.0
87.0	50.0	-	81.6	-	113.8	2.7	11.2	2.7	0.0	0.0	0.0	-	0.0
87.0	55.0	-	9.2	-	25.1	46.3	31.9	0.0	3.1	0.0	0.0	-	0.0
87.0	60.0	-	6.9	-	35.7	10.4	17.4	0.0	3.1	0.0	0.0	-	0.0
87.0	65.0	-	10.3	-	6.9	90.5	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	57.5	-	15.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	6.7	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	90.0	-	6.0	86.7	-	102.7	0.0	0.0	0.0	0.0	0.0	-	-
90.0	28.0	-	71.0	49.6	-	9.9	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	25.4	67.6	-	30.9	10.0	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	-	13.0	165.8	-	45.8	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	45.0	-	10.4	34.7	-	87.4	14.0	0.0	0.0	0.0	0.0	-	0.0
90.0	50.0	-	13.2	-	-	105.7	-	-	0.0	0.0	-	-	-
90.0	53.0	-	-	46.7	-	-	5.8	0.0	-	-	0.0	-	0.0
90.0	55.0	-	9.4	-	-	53.0	-	-	0.0	0.0	-	-	-
90.0	60.0	-	16.9	15.6	-	14.7	5.7	0.0	0.0	0.0	0.0	-	0.0
90.0	65.0	-	28.8	6.7	-	6.8	0.0	0.0	3.6	0.0	0.0	-	0.0
90.0	70.0	-	0.0	27.8	-	10.5	0.0	0.0	0.0	0.0	-	-	0.0
90.0	80.0	-	3.0	26.6	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	0.0	-	13.4	0.0	0.0	0.0	0.0	2.9	-	0.0
93.0	27.0	7.4	257.9	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	7.0	151.6	26.5	-	11.7	8.8	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	17.2	0.0	9.6	-	8.0	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 35.0	0.0	6.7	8.1	-	30.1	2.8	0.0	0.0	0.0	0.0	-	3.0
93.0 40.0	0.0	9.8	0.0	-	28.6	26.1	-	0.0	0.0	0.0	-	0.0
93.0 45.0	3.0	6.7	0.0	-	6.7	14.8	0.0	0.0	9.1	0.0	-	0.0
93.0 50.0	11.1	11.8	0.0	-	26.8	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 55.0	6.0	11.3	15.1	-	111.3	12.5	0.0	0.0	0.0	0.0	-	0.0
93.0 60.0	3.0	8.3	18.3	-	34.2	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 65.0	0.0	12.7	0.0	-	3.3	5.4	0.0	0.0	0.0	0.0	-	0.0
93.0 70.0	0.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	-	0.0
93.0 80.0	0.0	0.0	0.0	-	24.7	6.2	0.0	0.0	0.0	-	-	0.0
93.0 90.0	0.0	0.0	0.0	-	16.6	8.3	0.0	-	-	0.0	-	0.0
93.0 100.0	-	-	-	-	10.2	-	-	-	-	0.0	-	0.0
97.0 29.0	1.4	1.9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 30.0	0.0	19.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 32.0	7.7	-	42.0	-	-	0.0	0.0	-	-	0.0	-	0.0
97.0 35.0	0.0	38.6	5.9	-	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0 40.0	0.0	3.5	5.5	-	16.5	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 45.0	0.0	6.4	8.9	-	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0 50.0	51.7	2.9	25.7	-	25.9	5.8	0.0	0.0	0.0	0.0	-	0.0
97.0 55.0	9.0	19.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 60.0	0.0	6.2	0.0	-	3.5	0.0	0.0	0.0	6.5	0.0	-	0.0
97.0 65.0	3.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 70.0	0.0	0.0	0.0	-	21.7	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 80.0	0.0	0.0	9.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 90.0	0.0	0.0	8.7	-	0.0	0.0	0.0	-	-	-	-	-
100.0 29.0	0.0	8.8	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 30.0	0.0	39.5	-	14.3	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 35.0	6.4	18.6	-	4.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
100.0 40.0	0.0	6.2	-	20.2	9.1	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 45.0	0.0	6.9	-	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0 50.0	0.0	2.7	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 55.0	0.0	9.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 70.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 80.0	0.0	3.1	-	3.6	0.0	0.0	0.0	-	-	0.0	-	0.0
103.0 29.0	0.0	1.0	-	1.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0 30.0	0.0	2.5	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0 35.0	0.0	3.1	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0 40.0	0.0	9.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0 45.0	0.0	0.0	-	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	2.6
103.0 50.0	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 55.0	0.0	0.0	-	2.9	0.0	6.9	0.0	0.0	0.0	-	-	0.0
103.0 60.0	0.0	6.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 70.0	0.0	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 80.0	0.0	0.0	-	0.0	9.4	0.0	0.0	-	-	-	-	0.0
107.0 32.0	0.0	2.5	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0 35.0	0.0	3.0	-	3.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0 45.0	0.0	5.6	-	7.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	55.0	0.0	2.9	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	60.0	0.0	3.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	3.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	35.0	0.0	-	0.0	21.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	37.7	0.0	-	-	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	80.0	0.0	-	3.1	0.0	0.0	-	0.0	-	-	-	-	0.0

Triphoturus mexicanus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	90.0	-	-	-	0.0	-	9.9	0.0	-	-	-	-	-
80.0	51.0	-	0.0	-	0.0	20.9	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	20.5	3.7	-	0.0
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	0.0	-	0.0
80.0	65.0	-	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	6.3	3.2	-	0.0
80.0	80.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	6.4	0.0	-	0.0
80.0	90.0	-	0.0	-	0.0	0.0	3.0	3.2	0.0	25.4	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	0.0	-	4.6	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	0.0	0.0	12.9	0.0	15.4	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	3.5	5.4	0.0	-	0.0
83.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	7.0	11.1	3.8	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	3.3	15.7	6.5	7.1	-	0.0
83.0	80.0	-	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	3.5	-	0.0
83.0	90.0	-	0.0	-	0.0	0.0	0.0	0.0	6.1	3.1	3.3	-	-
87.0	33.0	-	0.0	-	-	0.0	0.0	0.0	8.6	5.2	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	5.4	12.5	3.4	39.3	9.5	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	0.0	0.0	31.7	32.9	7.0	-	3.7
87.0	45.0	-	0.0	-	0.0	0.0	0.0	0.0	11.1	13.2	3.9	-	0.0
87.0	50.0	-	0.0	-	0.0	2.7	0.0	2.7	21.6	15.1	0.0	-	0.0
87.0	55.0	-	0.0	-	0.0	0.0	0.0	7.1	15.7	9.9	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	0.0	48.2	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	2.9	3.2	0.0	0.0	9.4	-	0.0
87.0	70.0	-	0.0	0.0	-	3.8	9.1	30.3	0.0	0.0	3.4	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	17.4	26.5	9.7	0.0	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	10.6	31.1	0.0	16.0	21.3	3.2	-	-
90.0	28.0	-	0.0	0.0	-	0.0	2.8	0.0	49.6	6.8	9.3	-	0.0
90.0	30.0	-	-	-	-	-	-	-	59.4	-	-	-	-
90.0	32.0	-	0.0	0.0	-	0.0	10.0	55.3	30.1	40.2	6.9	-	0.0
90.0	37.0	-	0.0	0.0	-	0.0	0.0	32.8	20.7	16.4	113.2	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	2.8	0.0	8.9	9.7	2.8	-	0.0
90.0	50.0	-	0.0	-	-	0.0	-	-	19.3	3.2	-	-	-
90.0	53.0	-	-	0.0	-	-	14.5	0.0	-	-	0.0	-	0.0
90.0	55.0	-	0.0	-	-	23.2	-	-	6.4	13.6	-	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 60.0	-	0.0	0.0	-	22.0	0.0	0.0	0.0	6.5	3.0	-	2.8
90.0 65.0	-	0.0	0.0	-	3.4	13.4	3.1	3.6	23.2	9.8	-	0.0
90.0 70.0	-	0.0	0.0	-	3.5	3.3	12.5	0.0	0.0	-	-	0.0
90.0 80.0	-	0.0	0.0	-	24.6	2.8	25.2	6.4	3.5	41.5	-	0.0
90.0 90.0	-	0.0	0.0	-	6.7	0.0	59.6	30.1	9.3	0.0	-	0.0
90.0 100.0	-	0.0	-	-	-	-	2.9	-	-	12.2	-	-
90.0 110.0	-	-	-	-	-	-	-	-	-	40.8	-	0.0
93.0 27.0	0.0	0.0	-	-	0.0	0.0	15.3	10.8	9.6	6.5	-	0.0
93.0 28.0	0.0	0.0	2.4	-	1.4	0.0	46.5	129.0	6.2	9.8	-	0.0
93.0 30.0	0.0	0.0	0.0	-	1.5	43.7	40.7	152.1	9.1	20.9	-	0.0
93.0 35.0	0.0	0.0	0.0	-	0.0	68.2	13.0	106.6	18.5	12.8	-	0.0
93.0 40.0	0.0	0.0	0.0	-	0.0	8.7	-	20.2	28.5	67.0	-	0.0
93.0 45.0	0.0	0.0	0.0	-	6.7	5.9	76.1	106.2	60.8	49.9	-	0.0
93.0 50.0	0.0	0.0	0.0	-	11.3	3.1	63.4	55.7	157.9	24.2	-	0.0
93.0 55.0	0.0	2.8	0.0	-	0.0	0.0	6.3	20.2	64.6	11.7	-	3.2
93.0 60.0	0.0	2.8	0.0	-	0.0	6.1	12.8	3.2	60.8	28.7	-	0.0
93.0 65.0	0.0	0.0	0.0	-	0.0	2.7	3.1	29.7	16.4	5.8	-	0.0
93.0 67.0	-	-	-	-	-	-	-	-	-	9.1	-	-
93.0 70.0	3.0	0.0	0.0	-	2.0	5.6	-	3.6	9.2	-	-	3.3
93.0 80.0	2.9	0.0	6.0	-	9.0	15.4	6.3	0.0	6.4	-	-	3.3
93.0 90.0	0.0	0.0	0.0	-	5.8	22.0	30.5	-	-	36.7	-	0.0
93.0 100.0	-	-	-	-	37.3	-	-	-	-	3.1	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
94.0 78.0	-	-	-	-	-	-	-	-	-	5.5	-	-
97.0 29.0	0.0	0.0	-	0.0	0.0	5.5	67.8	22.3	14.2	14.9	-	0.0
97.0 30.0	0.0	0.0	-	0.0	0.0	0.0	31.3	89.4	10.8	21.9	-	0.0
97.0 32.0	0.0	-	0.0	-	-	3.3	47.3	-	-	63.6	-	0.0
97.0 35.0	0.0	0.0	0.0	-	13.2	-	56.7	45.9	16.5	17.5	8.4	0.0
97.0 40.0	0.0	0.0	2.7	-	0.0	77.0	35.9	45.3	16.9	20.4	-	0.0
97.0 45.0	0.0	0.0	0.0	-	28.7	94.0	15.7	22.0	187.9	20.0	0.0	0.0
97.0 50.0	0.0	0.0	6.4	-	35.6	14.6	134.0	6.2	66.0	8.2	-	0.0
97.0 55.0	0.0	0.0	3.1	-	19.6	46.1	20.8	35.6	51.3	1.9	-	7.4
97.0 60.0	0.0	0.0	3.1	-	31.7	22.4	39.8	12.1	49.0	0.0	-	0.0
97.0 65.0	3.0	0.0	2.8	-	7.2	60.2	15.7	20.4	22.8	0.0	-	0.0
97.0 70.0	3.0	0.0	12.4	-	0.0	12.0	9.4	5.8	15.8	0.0	-	0.0
97.0 80.0	0.0	5.5	0.0	-	41.0	23.1	11.4	5.6	5.9	0.0	-	16.4
97.0 90.0	0.0	0.0	0.0	-	10.3	12.2	67.8	-	-	-	-	-
100.0 29.0	0.0	0.0	-	0.0	0.0	23.2	0.0	27.5	8.5	3.0	-	0.0
100.0 30.0	0.0	0.0	-	0.0	15.3	0.0	0.0	59.8	11.9	6.7	-	2.7
100.0 35.0	0.0	0.0	-	20.2	47.7	46.3	27.2	38.2	122.0	9.5	6.0	0.0
100.0 40.0	0.0	0.0	-	0.0	6.1	30.1	0.0	34.3	84.0	20.6	-	0.0
100.0 45.0	0.0	0.0	-	0.0	12.8	12.3	47.5	67.0	101.8	17.0	0.0	0.0
100.0 50.0	0.0	5.3	-	6.2	0.0	22.8	30.7	16.2	68.5	9.4	-	0.0
100.0 55.0	0.0	0.0	-	3.1	15.8	16.6	31.0	28.3	35.9	12.4	-	6.9
100.0 60.0	0.0	0.0	-	10.5	11.7	10.0	0.0	6.2	3.0	48.5	-	7.9
100.0 65.0	2.9	3.5	-	9.2	7.7	23.0	3.5	34.6	34.1	8.8	-	0.0

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 70.0	0.0	0.0	-	3.3	25.8	9.7	60.5	35.8	34.8	85.0	-	0.0
100.0 80.0	0.0	3.1	-	14.4	45.9	42.0	17.3	-	-	14.0	-	2.8
100.0 90.0	0.0	-	-	20.9	13.6	23.7	27.8	-	-	-	-	-
100.0 100.0	0.0	-	-	-	-	-	9.2	-	-	-	-	-
103.0 29.0	0.0	0.0	-	0.0	0.0	-	1.6	17.3	1.9	0.0	-	1.1
103.0 30.0	0.0	5.1	-	0.0	0.0	-	17.9	55.7	46.6	0.0	-	0.0
103.0 35.0	0.0	6.3	-	0.0	33.0	-	63.0	9.8	12.1	11.6	47.6	0.0
103.0 40.0	2.9	0.0	-	17.5	74.4	-	69.7	84.0	536.3	15.5	-	0.0
103.0 45.0	0.0	6.3	-	6.1	11.1	-	57.2	6.4	426.4	13.7	3.0	0.0
103.0 50.0	0.0	0.0	-	3.7	22.7	87.6	22.4	38.6	216.0	66.9	-	0.0
103.0 55.0	0.0	0.0	-	2.9	34.1	128.0	71.3	85.1	234.1	-	-	0.0
103.0 60.0	0.0	0.0	-	3.0	55.3	58.7	58.9	28.9	42.5	15.7	-	0.0
103.0 65.0	0.0	0.0	-	13.9	117.8	51.4	25.3	120.8	22.3	58.7	-	0.0
103.0 70.0	0.0	0.0	-	9.0	133.1	9.7	35.4	24.2	49.9	81.2	-	0.0
103.0 80.0	0.0	0.0	-	28.9	22.0	32.2	2.8	-	-	-	-	0.0
103.0 90.0	-	-	-	0.0	25.4	64.2	-	-	-	-	-	-
107.0 31.0	0.0	0.0	-	0.0	0.0	-	0.0	2.0	20.3	9.3	-	0.0
107.0 32.0	0.0	0.0	-	3.2	3.3	-	32.8	30.4	33.0	6.6	-	0.0
107.0 35.0	0.0	0.0	-	6.8	7.1	-	86.4	113.6	76.4	10.1	8.7	2.8
107.0 40.0	0.0	0.0	-	14.7	44.5	-	62.3	669.3	80.7	25.4	-	0.0
107.0 45.0	3.1	0.0	-	14.5	66.4	-	68.8	73.6	6.2	36.2	0.0	0.0
107.0 50.0	0.0	0.0	-	13.5	113.9	-	116.6	60.3	189.0	46.2	-	3.8
107.0 55.0	0.0	2.9	-	11.0	64.4	-	64.4	35.2	67.8	34.2	-	2.1
107.0 60.0	3.0	0.0	-	42.4	141.9	-	6.0	40.6	58.0	7.1	-	2.8
107.0 65.0	0.0	-	0.0	3.9	312.3	-	53.0	98.3	148.8	32.6	-	0.0
107.0 70.0	0.0	-	3.1	11.1	22.7	-	8.3	46.2	49.9	26.5	-	2.5
107.0 80.0	0.0	-	6.1	13.6	71.1	-	339.2	-	-	-	-	0.0
107.0 90.0	-	-	-	14.3	36.1	-	-	-	-	-	-	-
110.0 32.0	0.0	-	0.0	0.0	0.0	-	0.0	39.6	17.4	2.5	-	0.0
110.0 33.0	-	-	-	3.0	-	-	-	-	-	-	-	-
110.0 35.0	0.0	-	0.0	0.0	33.9	-	0.0	84.0	76.8	17.1	3.2	0.0
110.0 40.0	0.0	-	2.7	3.8	109.9	-	-	38.0	16.3	131.8	-	2.9
110.0 41.0	-	-	-	-	-	-	55.0	-	-	-	-	-
110.0 45.0	0.0	-	2.9	17.2	168.8	-	135.4	49.0	52.6	57.6	0.0	0.0
110.0 50.0	0.0	-	0.0	18.9	147.4	-	107.0	72.8	126.0	22.1	-	0.0
110.0 55.0	0.0	-	6.5	0.0	301.0	-	276.7	92.4	64.6	36.7	-	0.0
110.0 60.0	3.0	-	2.9	14.7	33.8	-	334.9	280.1	184.2	65.5	-	2.7
110.0 65.0	0.0	-	9.7	7.0	83.5	-	132.3	146.7	93.6	95.3	-	2.8
110.0 70.0	0.0	-	0.0	10.8	27.6	-	23.0	248.2	58.5	54.4	-	5.8
110.0 80.0	0.0	-	0.0	6.3	57.4	-	9.6	-	-	-	-	0.0
110.0 90.0	2.8	-	-	15.4	9.5	-	-	-	-	-	-	-
113.0 29.0	0.0	-	0.0	0.0	0.0	-	1.3	4.7	0.0	0.0	-	0.0
113.0 35.0	9.3	-	9.5	4.1	36.1	-	22.8	70.4	16.2	41.6	19.6	0.0
113.0 40.0	0.0	-	10.0	3.1	9.2	-	96.6	207.9	342.4	78.2	-	2.4
113.0 45.0	3.0	-	23.1	6.3	58.0	-	14.1	53.9	118.2	49.5	2.8	2.5
113.0 50.0	2.7	-	2.8	14.0	13.2	-	96.6	333.9	6.1	9.5	-	5.2

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	55.0	2.9	-	3.3	23.2	99.8	-	78.5	93.5	346.3	35.2	-	0.0
113.0	60.0	0.0	-	0.0	19.3	-	-	179.9	83.7	84.0	9.7	-	0.0
113.0	65.0	3.3	-	0.0	40.7	74.4	-	224.3	150.5	429.3	18.0	-	5.6
113.0	70.0	12.0	-	0.0	41.3	72.2	-	53.6	76.4	237.0	8.4	-	0.0
113.0	80.0	2.0	-	-	26.7	294.9	-	10.0	-	-	-	-	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	-	0.0
117.0	26.0	0.0	-	2.8	0.0	0.0	-	8.9	2.5	0.0	0.0	21.6	0.0
117.0	30.0	0.0	-	5.4	0.0	18.0	-	0.0	45.0	3.0	30.6	24.7	0.0
117.0	35.0	5.7	-	0.0	0.0	12.0	-	56.5	104.4	176.6	120.1	40.5	2.1
117.0	40.0	5.3	-	0.0	35.9	38.3	-	6.6	13.9	163.5	23.1	-	0.0
117.0	45.0	3.2	-	9.5	13.4	53.3	-	31.2	0.0	87.5	16.7	0.0	0.0
117.0	50.0	23.5	-	2.9	18.6	0.0	-	315.1	230.0	164.6	42.8	-	4.9
117.0	55.0	0.0	-	0.0	29.9	62.1	-	90.7	90.6	43.2	19.4	-	0.0
117.0	60.0	0.0	-	2.8	46.7	55.4	-	327.5	524.7	70.6	16.1	-	0.0
117.0	65.0	17.5	-	50.1	27.8	93.1	-	347.7	294.3	15.3	77.3	-	0.0
117.0	70.0	0.0	-	13.8	50.6	52.5	-	56.3	285.1	12.0	125.2	-	2.6
117.0	80.0	2.4	-	-	7.1	64.5	-	9.9	-	-	-	-	5.6
118.0	39.0	-	-	-	0.0	46.6	-	37.1	11.2	200.8	37.4	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	17.5	55.6	27.3	0.0	0.0
120.0	24.0	0.0	-	0.0	0.0	0.0	-	1.3	0.0	0.0	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.6	0.0	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	2.1	3.1	0.0	0.0	2.6	0.0
120.0	35.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	6.2	0.0	2.8	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	1.6	0.0	40.0	2.0	-	0.0
120.0	45.0	35.2	-	0.0	9.5	59.0	-	148.5	117.3	-	23.1	0.0	2.8
120.0	50.0	20.9	-	39.1	40.5	162.8	-	316.0	77.5	-	3.2	-	2.8
120.0	55.0	22.9	-	15.7	21.6	94.2	-	41.6	316.8	-	0.0	-	0.0
120.0	60.0	41.9	-	49.3	90.3	60.8	-	127.1	400.5	-	-	-	0.0
120.0	65.0	70.2	-	-	77.1	26.9	-	32.2	0.0	-	98.0	-	0.0
120.0	70.0	93.6	-	-	14.2	6.9	-	9.0	158.4	-	49.2	-	0.0
120.0	80.0	8.6	-	-	10.5	33.2	-	2.9	-	-	-	-	0.0
120.0	90.0	2.7	-	-	-	-	-	-	-	-	-	-	-
123.0	36.0	0.0	-	-	0.0	0.0	-	4.2	34.1	-	36.5	-	0.0
123.0	37.0	-	5.8	-	10.0	5.4	-	31.7	12.0	-	15.8	0.0	0.0
123.0	40.0	0.0	-	-	-	3.3	-	-	556.8	-	-	0.0	-
123.0	42.0	-	-	-	23.2	-	-	264.0	-	-	184.8	-	2.5
123.0	45.0	18.6	-	-	18.9	284.8	-	149.5	216.9	-	24.5	-	0.0
123.0	50.0	30.2	-	-	34.4	33.6	-	257.3	33.8	-	36.1	18.3	5.9
123.0	55.0	23.2	-	-	6.7	55.6	-	14.7	336.0	-	43.1	-	0.0
123.0	60.0	9.1	-	-	3.4	39.6	-	5.6	234.3	-	23.4	3.2	0.0
123.0	65.0	48.3	-	-	-	32.0	-	5.5	-	-	-	-	-
123.0	70.0	55.9	-	-	-	0.0	-	0.0	-	-	-	-	-
123.0	80.0	0.0	-	-	-	-	-	58.8	-	-	-	-	-
127.0	33.0	-	4.4	-	0.0	2.3	-	0.0	0.0	-	16.0	-	0.0
127.0	34.0	-	2.8	-	0.0	8.7	-	6.7	0.0	-	13.8	0.0	0.0
127.0	40.0	-	10.2	-	62.1	6.5	-	71.5	79.7	-	124.8	0.0	0.0

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	45.0	-	9.8	-	28.3	23.5	-	47.0	124.8	-	15.1	-	0.0
127.0	50.0	-	5.3	-	3.3	81.8	-	112.7	12.6	-	24.4	7.0	0.0
127.0	55.0	-	92.1	-	34.9	90.2	-	76.2	82.2	-	12.6	-	0.0
127.0	60.0	-	29.4	-	15.0	174.2	-	67.0	50.3	-	2.7	12.7	0.0
127.0	65.0	-	2.6	-	-	13.5	-	427.5	-	-	-	-	-
127.0	70.0	-	13.0	-	-	10.0	-	66.4	-	-	-	-	-
127.0	75.0	-	6.8	-	-	-	-	-	-	-	-	-	-
127.0	80.0	-	3.2	-	-	-	-	43.0	-	-	-	-	-
130.0	30.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	35.0	-	28.7	-	0.0	197.3	-	0.0	110.5	-	5.1	0.0	0.0
130.0	40.0	-	19.7	-	17.6	90.2	-	4.6	301.8	-	7.2	12.4	0.0
130.0	45.0	-	16.6	-	28.3	241.4	-	20.8	160.5	-	0.0	-	0.0
130.0	50.0	-	0.0	-	102.4	117.8	-	39.2	357.3	-	2.9	3.1	0.0
130.0	55.0	-	6.4	-	38.4	62.8	-	52.9	149.2	-	0.0	-	0.0
130.0	60.0	-	8.8	-	14.6	28.1	-	42.1	337.0	-	27.9	0.0	0.0
130.0	65.0	-	-	-	-	54.5	-	84.1	-	-	-	-	-
130.0	70.0	-	16.1	-	-	19.9	-	90.1	-	-	-	-	-
130.0	80.0	-	18.6	-	-	-	-	37.9	-	-	-	-	-
130.0	90.0	-	0.0	-	-	-	-	7.8	-	-	-	-	-
133.0	25.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	0.0
133.0	30.0	-	6.5	-	0.0	3.5	-	0.0	118.6	-	0.0	6.2	0.0
133.0	35.0	-	3.3	-	38.3	55.6	-	3.0	136.5	-	3.0	-	0.0
133.0	40.0	-	0.0	-	40.0	40.8	-	5.7	80.6	-	0.0	0.0	0.0
133.0	45.0	-	13.6	-	26.5	651.3	-	2.9	69.1	-	2.8	-	-
133.0	50.0	-	0.0	-	27.5	85.0	-	8.6	41.9	-	8.0	0.0	-
133.0	55.0	-	15.0	-	3.8	27.4	-	132.5	15.9	-	5.2	-	-
133.0	60.0	-	17.8	-	8.7	3.5	-	87.6	27.8	-	2.7	0.0	-
137.0	23.0	-	0.0	-	0.0	0.0	-	5.4	0.0	-	0.0	0.0	0.0
137.0	30.0	-	3.2	-	0.0	0.0	-	8.6	877.6	-	5.3	0.0	5.4
137.0	35.0	-	24.8	-	9.8	34.8	-	5.5	15.5	-	0.0	0.0	0.0
137.0	40.0	-	8.9	-	19.6	3.6	-	0.0	20.9	-	0.0	0.0	0.0
137.0	45.0	-	17.6	-	10.6	81.0	-	-	62.0	-	2.8	-	-
137.0	46.0	-	-	-	-	-	-	3.2	-	-	-	-	-
137.0	50.0	-	6.2	-	25.1	3.3	-	5.9	84.8	-	0.0	0.0	-
137.0	55.0	-	12.6	-	105.0	10.9	-	2.8	82.6	-	0.0	-	-
137.0	60.0	-	39.4	-	43.8	13.2	-	13.0	164.3	-	10.9	11.8	-
140.0	60.0	-	-	-	-	-	-	-	-	-	-	18.4	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	11.8	-
143.0	35.0	-	-	-	-	-	-	-	-	-	-	3.0	-
143.0	40.0	-	-	-	-	-	-	-	-	-	-	6.1	-
143.0	50.0	-	-	-	-	-	-	-	-	-	-	2.9	-
143.0	60.0	-	-	-	-	-	-	-	-	-	-	9.5	-
147.0	25.0	-	-	-	-	-	-	-	-	-	-	3.0	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	4.6	-
150.0	25.0	-	-	-	-	-	-	-	-	-	-	3.0	-
150.0	30.0	-	-	-	-	-	-	-	-	-	-	6.3	-

TABLE 4. (cont.)

Benthosema pterota

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0 30.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
153.0 16.0	-	-	-	-	-	-	-	-	-	-	3.1	-
153.0 20.0	-	-	-	-	-	-	-	-	-	-	23.8	-

Diogenichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.2	-	0.0
87.0 35.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0
87.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.3
87.0 80.0	-	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	-	0.0
90.0 30.0	-	-	-	-	-	-	-	3.7	-	-	-	-
90.0 70.0	-	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	-	-	0.0
90.0 90.0	-	0.0	12.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 110.0	-	-	-	-	-	-	-	-	-	6.3	-	0.0
93.0 30.0	0.0	0.0	0.0	-	0.0	0.0	6.3	0.0	0.0	0.0	-	0.0
93.0 45.0	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	3.0	0.0	-	0.0
93.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	-	0.0
97.0 35.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0
97.0 40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
97.0 50.0	0.0	2.9	0.0	-	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 70.0	0.0	0.0	0.0	-	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0
100.0 50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0 60.0	0.0	0.0	-	7.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
100.0 65.0	0.0	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 70.0	0.0	0.0	-	0.0	0.0	3.2	0.0	2.8	0.0	0.0	-	0.0
100.0 90.0	2.9	-	-	0.0	0.0	0.0	0.0	-	-	-	-	-
103.0 40.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	9.8	0.0	-	0.0
103.0 45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	12.4	0.0	0.0	0.0
103.0 55.0	0.0	0.0	-	0.0	0.0	6.9	0.0	0.0	15.4	-	-	0.0
103.0 60.0	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0 70.0	8.9	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	7.9
103.0 80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	-	-	2.7
103.0 90.0	-	-	-	0.0	3.2	0.0	-	-	-	-	-	-
107.0 32.0	0.0	0.0	-	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
107.0 35.0	0.0	0.0	-	0.0	0.0	-	0.0	6.7	0.0	0.0	0.0	0.0
107.0 40.0	3.5	0.0	-	0.0	0.0	-	0.0	9.2	0.0	0.0	-	0.0
107.0 50.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.2	0.0	-	1.9
107.0 55.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	7.6	-	2.1
107.0 60.0	0.0	0.0	-	0.0	0.0	-	3.0	0.0	0.0	3.6	-	0.0
107.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	46.5	0.0	-	2.8
107.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	28.1	0.0	-	0.0
107.0 80.0	3.1	-	0.0	13.6	0.0	-	0.0	-	-	-	-	0.0

TABLE 4. (cont.)

Diogenichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	90.0	-	-	-	2.9	3.0	-	-	-	-	-	-	-
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	9.7	6.4	0.0	0.0	0.0
110.0	60.0	0.0	-	0.0	0.0	3.4	-	6.0	19.3	24.6	6.2	-	8.0
110.0	65.0	2.8	-	0.0	0.0	0.0	-	0.0	3.2	9.1	0.0	-	0.0
110.0	70.0	2.8	-	0.0	0.0	0.0	-	0.0	23.9	12.3	0.0	-	0.0
110.0	80.0	6.1	-	0.0	15.7	0.0	-	3.2	-	-	-	-	0.0
110.0	90.0	2.8	-	-	15.4	0.0	-	-	-	-	-	-	-
113.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	2.6	0.0	2.7	0.0	0.0
113.0	35.0	0.0	-	3.2	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	78.6	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	6.4	-	2.6
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	8.7	6.4	-	0.0
113.0	60.0	0.0	-	3.3	0.0	-	-	6.5	3.0	0.0	25.8	-	11.2
113.0	65.0	10.0	-	0.0	0.0	0.0	-	16.3	29.4	57.2	30.0	-	0.0
113.0	70.0	6.0	-	0.0	0.0	0.0	-	0.0	10.0	0.0	16.9	-	0.0
113.0	80.0	0.0	-	-	17.8	0.0	-	0.0	-	-	-	-	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	5.6	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	5.6	3.3	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	3.3	-	0.0	6.5	3.2	8.4	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	9.7	0.0	0.0	-	2.4
117.0	55.0	0.0	-	0.0	3.7	0.0	-	0.0	0.0	0.0	0.0	-	5.5
117.0	60.0	0.0	-	0.0	23.3	0.0	-	0.0	0.0	0.0	0.0	-	17.5
117.0	65.0	0.0	-	0.0	0.0	0.0	-	32.8	19.8	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	12.6	0.0	-	0.0	0.0	12.0	0.0	-	0.0
117.0	80.0	0.0	-	-	10.7	0.0	-	0.0	-	-	-	-	2.8
120.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.6	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0
120.0	50.0	0.0	-	0.0	0.0	14.8	-	0.0	0.0	-	0.0	-	2.8
120.0	55.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	-	0.0	-	13.1
120.0	60.0	0.0	-	0.0	21.7	0.0	-	6.2	0.0	-	-	-	21.8
120.0	65.0	0.0	-	-	14.7	6.7	-	6.4	0.0	-	28.4	-	0.0
120.0	70.0	0.0	-	-	0.0	13.8	-	0.0	0.0	-	0.0	-	0.0
120.0	80.0	0.0	-	-	0.0	43.2	-	0.0	-	-	-	-	0.0
123.0	42.0	-	-	-	2.6	-	-	0.0	-	-	0.0	-	0.0
123.0	50.0	0.0	-	-	3.4	6.7	-	15.5	0.0	-	0.0	0.0	0.0
123.0	60.0	0.0	-	-	0.0	23.1	-	0.0	0.0	-	0.0	0.0	0.0
123.0	65.0	0.0	-	-	-	16.0	-	5.5	-	-	-	-	-
123.0	70.0	0.0	-	-	-	13.7	-	0.0	-	-	-	-	-
123.0	80.0	0.0	-	-	-	-	-	9.8	-	-	-	-	-
127.0	40.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	0.0	0.0	0.0
127.0	45.0	-	0.0	-	0.0	0.0	-	12.5	0.0	-	0.0	-	0.0
127.0	55.0	-	0.0	-	0.0	113.6	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	0.0	-	0.0	65.3	-	0.0	0.0	-	0.0	0.0	0.0
127.0	65.0	-	0.0	-	-	16.9	-	0.0	-	-	-	-	-
127.0	70.0	-	0.0	-	-	26.6	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0 35.0	–	0.0	–	0.0	13.7	–	0.0	0.0	–	0.0	0.0	0.0
130.0 40.0	–	0.0	–	0.0	43.4	–	0.0	0.0	–	0.0	0.0	0.0
130.0 45.0	–	0.0	–	7.1	64.6	–	0.0	0.0	–	0.0	–	0.0
130.0 50.0	–	0.0	–	31.8	17.9	–	0.0	0.0	–	0.0	58.1	0.0
130.0 55.0	–	0.0	–	0.0	76.8	–	0.0	0.0	–	0.0	–	0.0
130.0 60.0	–	0.0	–	0.0	0.0	–	50.6	0.0	–	0.0	6.0	0.0
130.0 65.0	–	–	–	–	0.0	–	26.1	–	–	–	–	–
130.0 70.0	–	0.0	–	–	33.2	–	0.0	–	–	–	–	–
133.0 30.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	18.6	0.0
133.0 45.0	–	0.0	–	5.9	0.0	–	0.0	0.0	–	0.0	–	–
133.0 50.0	–	0.0	–	27.5	0.0	–	0.0	0.0	–	0.0	0.0	–
133.0 55.0	–	0.0	–	22.9	0.0	–	0.0	0.0	–	0.0	–	–
133.0 60.0	–	0.0	–	43.7	0.0	–	0.0	0.0	–	0.0	0.0	–
137.0 30.0	–	0.0	–	20.7	0.0	–	0.0	0.0	–	0.0	0.0	0.0
137.0 45.0	–	0.0	–	35.2	0.0	–	–	0.0	–	0.0	–	–

Diogenichthys atlanticus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 52.0	0.0	–	–	2.5	–	0.0	0.0	–	–	0.0	–	0.0
60.0 60.0	0.0	–	–	2.9	–	0.0	0.0	–	–	0.0	–	0.0
70.0 80.0	0.0	–	–	0.0	–	0.0	3.3	–	–	0.0	–	0.0
70.0 90.0	0.0	–	–	–	–	0.0	0.0	–	–	3.3	–	0.0
70.0 100.0	2.6	–	–	–	–	–	–	–	–	–	–	–
80.0 52.0	–	1.6	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
80.0 60.0	–	0.0	–	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0
80.0 70.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.2	0.0	–	0.0
80.0 80.0	–	0.0	–	0.0	0.0	5.5	10.0	0.0	0.0	0.0	–	0.0
83.0 90.0	–	0.0	–	0.0	0.0	8.2	0.0	0.0	0.0	0.0	–	–
87.0 55.0	–	1.5	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
87.0 60.0	–	0.0	–	7.9	0.0	0.0	3.2	0.0	0.0	0.0	–	0.0
87.0 65.0	–	0.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	0.0
87.0 70.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	6.0
87.0 80.0	–	3.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
87.0 90.0	–	0.0	0.0	–	0.0	5.2	0.0	0.0	0.0	3.2	–	–
90.0 28.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.2	–	0.0
90.0 60.0	–	0.0	0.0	–	3.7	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0 65.0	–	0.0	0.0	–	0.0	5.3	0.0	3.6	0.0	0.0	–	0.0
90.0 70.0	–	3.3	3.5	–	0.0	0.0	3.1	0.0	0.0	–	–	3.3
90.0 80.0	–	0.0	6.6	–	0.0	0.0	2.8	0.0	0.0	3.2	–	0.0
90.0 90.0	–	3.2	2.5	–	3.3	0.0	0.0	0.0	6.2	0.0	–	0.0
90.0 97.0	–	–	–	–	–	–	–	–	–	–	–	5.1
90.0 110.0	–	–	–	–	–	–	–	–	–	0.0	–	6.2
90.0 120.0	–	–	–	–	–	–	–	–	–	17.0	–	3.2
90.0 130.0	–	–	–	–	–	–	–	–	–	–	–	18.2

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 35.0	3.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	6.3	0.0	-	0.0
93.0 45.0	3.0	0.0	0.0	-	3.3	0.0	6.3	0.0	0.0	0.0	-	3.2
93.0 50.0	5.6	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	6.1
93.0 55.0	0.0	0.0	0.0	-	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 60.0	0.0	2.8	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
93.0 70.0	0.0	0.0	0.0	-	2.0	0.0	-	0.0	0.0	-	-	0.0
93.0 80.0	0.0	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	-	-	0.0
93.0 90.0	0.0	0.0	0.0	-	0.0	5.5	0.0	-	-	0.0	-	0.0
93.0 100.0	-	-	-	-	0.0	-	-	-	-	3.1	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	0.0	-	3.3
93.0 120.0	-	-	-	-	-	-	-	-	-	15.5	-	12.9
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	7.8
94.0 139.0	-	-	-	-	-	-	-	-	-	-	-	9.0
97.0 30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.0
97.0 40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.9	-	8.3
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
97.0 50.0	8.6	0.0	0.0	-	3.2	0.0	0.0	0.0	0.0	2.0	-	0.0
97.0 55.0	0.0	0.0	0.0	-	3.9	0.0	0.0	0.0	3.0	0.0	-	0.0
97.0 65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
97.0 80.0	0.0	0.0	3.3	-	13.7	0.0	2.8	0.0	0.0	0.0	-	0.0
97.0 90.0	0.0	5.4	0.0	-	3.4	3.0	15.4	-	-	-	-	-
100.0 40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	3.0	3.4	-	2.5
100.0 45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
100.0 50.0	0.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	0.0	-	2.8
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	3.1	-	0.0
100.0 60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	9.7	-	0.0
100.0 65.0	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
100.0 70.0	13.2	0.0	-	3.3	7.4	0.0	0.0	0.0	0.0	3.5	-	3.0
100.0 80.0	3.7	9.3	-	25.2	24.7	3.2	0.0	-	-	2.8	-	0.0
100.0 90.0	0.0	-	-	3.5	37.5	0.0	7.0	-	-	-	-	-
100.0 100.0	12.0	-	-	-	-	-	0.0	-	-	-	-	-
103.0 35.0	0.0	0.0	-	0.0	0.0	-	0.8	0.0	0.0	0.0	0.0	0.0
103.0 40.0	0.0	9.0	-	0.0	0.0	-	0.0	0.0	0.0	3.9	-	0.0
103.0 45.0	3.1	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.6
103.0 50.0	0.0	0.0	-	0.0	0.0	6.7	0.0	0.0	0.0	0.0	-	0.0
103.0 55.0	3.0	0.0	-	2.9	0.0	3.5	0.0	0.0	3.1	-	-	2.7
103.0 60.0	0.0	0.0	-	0.0	0.0	3.3	3.3	0.0	0.0	0.0	-	0.0
103.0 65.0	6.1	0.0	-	0.0	9.3	0.0	2.5	3.0	6.4	0.0	-	0.0
103.0 70.0	0.0	0.0	-	0.0	25.4	0.0	0.0	0.0	0.0	0.0	-	2.6
103.0 80.0	18.3	19.2	-	0.0	6.3	0.0	0.0	-	-	-	-	5.4
103.0 90.0	-	-	-	19.4	3.2	0.0	-	-	-	-	-	-
107.0 50.0	0.0	6.3	-	0.0	0.0	-	9.0	0.0	0.0	0.0	-	3.8
107.0 55.0	13.1	0.0	-	3.7	6.8	-	0.0	0.0	0.0	0.0	-	4.2
107.0 60.0	6.1	0.0	-	0.0	13.2	-	0.0	0.0	0.0	0.0	-	0.0
107.0 65.0	5.6	-	6.6	7.9	6.4	-	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	70.0	0.0	-	15.4	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	80.0	0.0	-	0.0	0.0	6.2	-	0.0	-	-	-	-	8.9
110.0	40.0	0.0	-	0.0	0.0	3.3	-	-	0.0	0.0	0.0	-	0.0
110.0	45.0	0.0	-	0.0	6.9	0.0	-	0.0	0.0	0.0	0.0	0.0	5.5
110.0	50.0	0.0	-	0.0	6.3	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	2.8	-	3.3	0.0	3.5	-	6.4	0.0	3.2	0.0	-	0.0
110.0	60.0	0.0	-	2.9	0.0	0.0	-	3.0	0.0	0.0	0.0	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.7
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.9
110.0	80.0	3.1	-	0.0	0.0	0.0	-	0.0	-	-	-	-	0.0
110.0	90.0	5.6	-	-	0.0	0.0	-	-	-	-	-	-	-
113.0	35.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	2.9	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.2
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.8
117.0	45.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
117.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.8
120.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.6	0.0
120.0	60.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	-	-	-	0.0

Diogenichthys laternatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	80.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.7
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
100.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	18.5	0.0	0.0	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.3	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.2	-	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	3.2	2.5	0.0	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	5.8	-	5.2
103.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	-	-	16.1
103.0	90.0	-	-	-	0.0	0.0	6.4	-	-	-	-	-	-
107.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	17.9	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	2.8	6.4	0.0	3.3	0.0	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	1.9
107.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.0	0.0	-	8.3
107.0	65.0	0.0	-	0.0	0.0	96.6	-	0.0	0.0	0.0	0.0	-	0.0
107.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	53.0	-	0.0
107.0	80.0	0.0	-	0.0	0.0	0.0	-	25.4	-	-	-	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0	6.8	-	0.0
110.0	45.0	0.0	-	0.0	0.0	3.3	-	0.0	0.0	0.0	12.8	0.0	2.8
110.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	17.9	0.0	9.2	3.1	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	2.9	0.0	6.0	35.3	-	0.0
110.0	70.0	2.8	-	0.0	0.0	0.0	-	2.9	3.0	0.0	119.0	-	11.6
110.0	80.0	0.0	-	0.0	6.3	3.2	-	0.0	-	-	-	-	42.1
110.0	90.0	5.6	-	-	0.0	3.2	-	-	-	-	-	-	-
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	6.1	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	6.5	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	49.5	19.5	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	34.7	9.1	0.0	-	0.0
113.0	55.0	5.8	-	0.0	0.0	0.0	-	0.0	5.3	0.0	0.0	-	0.0
113.0	60.0	6.0	-	0.0	0.0	-	-	0.0	0.0	16.8	12.9	-	0.0
113.0	65.0	0.0	-	3.3	0.0	0.0	-	0.0	7.3	3.2	3.0	-	2.8
113.0	70.0	17.9	-	3.6	0.0	0.0	-	0.0	0.0	363.0	0.0	-	0.0
113.0	80.0	2.0	-	-	0.0	17.0	-	0.0	-	-	-	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0
117.0	30.0	2.8	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.1	13.7	0.0
117.0	35.0	5.7	-	0.0	0.0	0.0	-	0.0	9.2	0.0	9.8	5.4	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	-	0.0
117.0	45.0	29.2	-	0.0	0.0	0.0	-	0.0	0.0	0.0	8.4	0.0	0.0
117.0	50.0	5.9	-	28.7	0.0	0.0	-	0.0	0.0	14.7	2.8	-	0.0
117.0	55.0	3.2	-	3.1	7.5	0.0	-	0.0	0.0	0.0	106.6	-	0.0
117.0	60.0	12.4	-	5.6	50.6	0.0	-	0.0	13.2	32.3	9.6	-	14.6
117.0	65.0	43.7	-	103.3	10.1	0.0	-	0.0	0.0	12.2	58.7	-	5.6
117.0	70.0	3.0	-	13.8	0.0	0.0	-	0.0	77.2	0.0	62.6	-	2.6
117.0	80.0	0.0	-	-	17.9	0.0	-	0.0	-	-	-	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	6.2	2.8	0.0	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	40.7	24.7	9.1	0.0	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	6.2	0.0	0.0	0.0	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	2.5	0.0	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	5.7	0.0	-	0.0
120.0	45.0	40.7	-	0.0	0.0	0.0	-	0.0	28.6	-	0.0	0.0	0.0
120.0	50.0	17.9	-	16.3	0.0	8.9	-	0.0	2.9	-	12.9	-	0.0
120.0	55.0	20.0	-	18.8	0.0	321.1	-	0.0	0.0	-	3.3	-	18.3
120.0	60.0	28.8	-	81.2	10.8	152.0	-	0.0	16.1	-	-	-	12.4
120.0	65.0	70.2	-	-	25.7	0.0	-	3.2	0.0	-	0.0	-	77.4
120.0	70.0	102.7	-	-	22.7	0.0	-	0.0	14.4	-	52.5	-	27.4
120.0	80.0	0.0	-	-	31.4	0.0	-	0.0	-	-	-	-	2.8
120.0	90.0	5.4	-	-	-	-	-	-	-	-	-	-	-
123.0	37.0	-	2.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	6.7	-	-	64.0	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	55.4	-	-	43.1	-	0.0
123.0	45.0	24.8	-	-	0.0	0.0	-	26.9	0.0	-	49.0	-	9.2
123.0	50.0	99.7	-	-	6.9	3.4	-	0.0	0.0	-	69.2	12.2	14.8

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	55.0	5.8	-	-	0.0	0.0	-	0.0	0.0	-	83.2	-	55.4
123.0	60.0	105.7	-	-	0.0	0.0	-	11.2	12.8	-	99.3	42.1	35.0
123.0	65.0	42.6	-	-	-	0.0	-	0.0	-	-	-	-	-
123.0	70.0	106.7	-	-	-	17.1	-	0.0	-	-	-	-	-
123.0	80.0	8.6	-	-	-	-	-	0.0	-	-	-	-	-
127.0	34.0	-	0.0	-	0.0	5.8	-	0.0	0.0	-	2.8	0.0	0.0
127.0	40.0	-	0.0	-	0.0	0.0	-	29.8	8.9	-	12.5	0.0	11.4
127.0	45.0	-	36.0	-	0.0	0.0	-	0.0	26.0	-	24.2	-	23.2
127.0	50.0	-	18.5	-	0.0	121.0	-	3.2	12.6	-	5.4	8.4	2.8
127.0	55.0	-	150.4	-	14.6	73.5	-	10.9	116.9	-	12.6	-	8.1
127.0	60.0	-	76.4	-	114.0	101.6	-	5.4	56.2	-	24.6	19.0	16.6
127.0	65.0	-	7.9	-	-	0.0	-	11.4	-	-	-	-	-
127.0	70.0	-	22.8	-	-	0.0	-	24.2	-	-	-	-	-
127.0	75.0	-	10.3	-	-	-	-	-	-	-	-	-	-
127.0	80.0	-	3.2	-	-	-	-	212.5	-	-	-	-	-
130.0	30.0	-	0.0	-	5.5	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	35.0	-	40.2	-	3.3	0.0	-	0.0	58.3	-	0.0	3.3	3.3
130.0	40.0	-	50.8	-	3.5	0.0	-	0.0	80.1	-	7.2	6.2	14.8
130.0	45.0	-	60.7	-	10.6	40.8	-	15.6	125.2	-	17.6	-	9.1
130.0	50.0	-	80.0	-	49.4	10.7	-	33.6	70.2	-	8.8	24.5	92.7
130.0	55.0	-	19.3	-	85.6	45.4	-	35.3	281.3	-	53.0	-	13.2
130.0	60.0	-	29.3	-	18.2	63.2	-	0.0	378.0	-	103.2	0.0	17.0
130.0	65.0	-	-	-	-	29.0	-	0.0	-	-	-	-	-
130.0	70.0	-	16.1	-	-	0.0	-	114.0	-	-	-	-	-
130.0	80.0	-	130.2	-	-	-	-	103.0	-	-	-	-	-
130.0	90.0	-	25.8	-	-	-	-	46.8	-	-	-	-	-
133.0	25.0	-	6.0	-	0.0	0.0	-	0.0	34.7	-	0.0	0.0	0.0
133.0	30.0	-	32.5	-	0.0	0.0	-	0.0	143.5	-	0.0	0.0	0.0
133.0	35.0	-	26.0	-	100.9	0.0	-	20.6	154.0	-	12.2	-	0.0
133.0	40.0	-	15.3	-	85.8	51.0	-	25.7	144.5	-	12.1	16.1	2.9
133.0	45.0	-	75.0	-	0.0	54.6	-	5.8	88.8	-	38.6	-	-
133.0	50.0	-	39.3	-	0.0	74.8	-	14.3	45.1	-	91.1	12.0	-
133.0	55.0	-	30.0	-	0.0	99.5	-	177.7	60.4	-	83.8	-	-
133.0	60.0	-	101.0	-	23.3	45.5	-	172.3	36.1	-	125.0	18.6	-
137.0	23.0	-	2.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	30.0	-	35.3	-	0.0	0.0	-	14.3	108.1	-	7.9	0.0	2.7
137.0	35.0	-	38.6	-	32.7	12.6	-	13.8	71.5	-	0.0	6.5	0.0
137.0	40.0	-	44.7	-	98.3	0.0	-	14.8	29.8	-	23.2	3.2	50.2
137.0	45.0	-	5.9	-	0.0	59.8	-	-	112.8	-	2.8	-	-
137.0	46.0	-	-	-	-	-	-	12.7	-	-	-	-	-
137.0	50.0	-	12.3	-	64.4	32.6	-	79.1	63.6	-	46.9	23.1	-
137.0	55.0	-	34.8	-	63.8	29.0	-	41.8	91.8	-	5.7	-	-
137.0	60.0	-	24.2	-	138.7	16.5	-	41.6	83.7	-	46.4	26.6	-
140.0	60.0	-	-	-	-	-	-	-	-	-	-	82.6	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	11.8	-
143.0	40.0	-	-	-	-	-	-	-	-	-	-	12.2	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	60.0	-	-	-	-	-	-	-	-	-	-	37.9	-
144.5	23.0	-	-	-	-	-	-	-	-	-	-	5.9	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	3.2	-
147.0	25.0	-	-	-	-	-	-	-	-	-	-	6.0	-
147.0	30.0	-	-	-	-	-	-	-	-	-	-	6.2	-
147.0	40.0	-	-	-	-	-	-	-	-	-	-	3.3	-
147.0	60.0	-	-	-	-	-	-	-	-	-	-	9.1	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	4.6	-
150.0	25.0	-	-	-	-	-	-	-	-	-	-	8.9	-
150.0	30.0	-	-	-	-	-	-	-	-	-	-	18.8	-
150.0	40.0	-	-	-	-	-	-	-	-	-	-	3.2	-
150.0	50.0	-	-	-	-	-	-	-	-	-	-	8.9	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	18.5	-
153.0	20.0	-	-	-	-	-	-	-	-	-	-	44.7	-
153.0	30.0	-	-	-	-	-	-	-	-	-	-	3.0	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	14.6	-
153.0	60.0	-	-	-	-	-	-	-	-	-	-	12.2	-

Electrona rissoi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0	25.8	-	2.8

Gonichthys tenuiculus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	60.0	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0
107.0	60.0	0.0	0.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	3.1	0.0	-	0.0
107.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
107.0	80.0	0.0	-	0.0	3.4	0.0	-	0.0	-	-	-	-	3.0
107.0	90.0	-	-	-	2.9	3.0	-	-	-	-	-	-	-
110.0	50.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	6.4	0.0	0.0	-	0.0
110.0	65.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0	3.5	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	3.0	-	0.0
113.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	16.6	0.0	2.8	-	0.0
117.0	45.0	3.2	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
117.0	60.0	3.1	-	0.0	7.8	0.0	-	0.0	0.0	0.0	0.0	-	2.9

TABLE 4. (cont.)

Gonichthys tenuiculus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	65.0	8.7	-	6.3	2.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	3.2	0.0	-	3.3	5.9	0.0	0.0	-	0.0
120.0	45.0	5.4	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
120.0	50.0	9.0	-	3.3	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	14.0	-	0.0	0.0	-	0.0	-	0.0
120.0	60.0	7.9	-	0.0	0.0	6.1	-	0.0	0.0	-	-	-	15.5
120.0	65.0	16.4	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.7
120.0	70.0	9.1	-	-	0.0	34.4	-	0.0	0.0	-	0.0	-	3.0
120.0	80.0	0.0	-	-	7.0	16.6	-	0.0	-	-	-	-	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	6.4	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	2.6	-	-	0.0	-	0.0
123.0	50.0	6.0	-	-	0.0	6.7	-	0.0	0.0	-	3.0	0.0	0.0
123.0	55.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.1
123.0	60.0	3.0	-	-	0.0	19.8	-	0.0	0.0	-	2.9	0.0	2.7
123.0	65.0	2.8	-	-	-	25.6	-	0.0	-	-	-	-	-
123.0	70.0	12.7	-	-	-	10.3	-	2.9	-	-	-	-	-
123.0	80.0	5.7	-	-	-	-	-	0.0	-	-	-	-	-
127.0	40.0	-	0.0	-	0.0	0.0	-	6.0	0.0	-	0.0	0.0	0.0
127.0	45.0	-	0.0	-	0.0	0.0	-	0.0	15.6	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	13.1	-	0.0	18.8	-	0.0	0.0	0.0
127.0	55.0	-	33.8	-	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	20.6	-	3.0	21.8	-	0.0	0.0	-	8.2	6.3	0.0
127.0	65.0	-	2.6	-	-	3.4	-	0.0	-	-	-	-	-
127.0	70.0	-	3.3	-	-	10.0	-	0.0	-	-	-	-	-
127.0	75.0	-	6.8	-	-	-	-	-	-	-	-	-	-
130.0	35.0	-	5.7	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
130.0	40.0	-	8.5	-	0.0	3.3	-	0.0	0.0	-	0.0	0.0	0.0
130.0	45.0	-	2.8	-	0.0	6.8	-	5.2	9.6	-	0.0	-	0.0
130.0	50.0	-	9.6	-	24.7	3.6	-	0.0	25.5	-	0.0	0.0	15.4
130.0	55.0	-	0.0	-	38.4	14.0	-	2.9	8.6	-	0.0	-	0.0
130.0	60.0	-	2.9	-	0.0	14.0	-	5.6	20.5	-	0.0	0.0	5.7
130.0	70.0	-	0.0	-	-	0.0	-	5.3	-	-	-	-	-
130.0	80.0	-	9.3	-	-	-	-	5.4	-	-	-	-	-
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	7.0	-	0.0	-	2.6
133.0	45.0	-	10.2	-	0.0	0.0	-	0.0	3.3	-	2.8	-	-
133.0	50.0	-	8.4	-	11.8	6.8	-	0.0	3.2	-	0.0	0.0	-
133.0	55.0	-	6.0	-	0.0	3.4	-	5.6	3.2	-	0.0	-	-
133.0	60.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0	0.0	-
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
137.0	35.0	-	0.0	-	0.0	0.0	-	2.8	3.1	-	0.0	0.0	0.0
137.0	40.0	-	0.0	-	15.7	0.0	-	0.0	3.0	-	0.0	0.0	7.9
137.0	45.0	-	8.8	-	0.0	14.1	-	-	2.8	-	0.0	-	-
137.0	50.0	-	0.0	-	3.6	3.3	-	0.0	3.0	-	0.0	0.0	-
137.0	55.0	-	6.3	-	7.5	3.6	-	0.0	12.2	-	0.0	-	-
137.0	60.0	-	3.0	-	7.3	6.6	-	0.0	21.7	-	0.0	0.0	-
140.0	60.0	-	-	-	-	-	-	-	-	-	-	3.1	-

TABLE 4. (cont.)

Gonichthys tenuiculus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	60.0	-	-	-	-	-	-	-	-	-	-	3.2	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	3.2	-
147.0	25.0	-	-	-	-	-	-	-	-	-	-	9.0	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	4.6	-
150.0	25.0	-	-	-	-	-	-	-	-	-	-	3.0	-
150.0	30.0	-	-	-	-	-	-	-	-	-	-	3.1	-
150.0	50.0	-	-	-	-	-	-	-	-	-	-	3.0	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	3.1	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	2.9	-

Hygophum spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	80.0	2.0	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
120.0	70.0	0.0	-	-	2.8	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0	0.0	0.0
137.0	60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.7	0.0	-

Hygophum atratum

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	80.0	0.0	0.0	0.0	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	2.8	-	0.0
103.0	70.0	0.0	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	6.0	0.0	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
107.0	60.0	0.0	0.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	0.0	16.1	-	0.0	0.0	6.2	0.0	-	0.0
107.0	70.0	6.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	6.6	-	0.0
107.0	80.0	0.0	-	3.1	3.4	0.0	-	3.2	-	-	-	-	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.2	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	3.2	0.0	0.0	0.0
110.0	50.0	0.0	-	3.4	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	6.2	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	3.0	10.6	-	0.0
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	12.0	0.0	3.4	-	0.0
110.0	80.0	0.0	-	0.0	0.0	0.0	-	0.0	-	-	-	-	3.0
110.0	90.0	0.0	-	-	7.7	6.3	-	-	-	-	-	-	-
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	8.7	2.8	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	2.6
113.0	55.0	0.0	-	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	2.8	0.0	-	0.0

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	7.3	0.0	3.0	-	0.0
113.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.0	5.6	-	0.0
113.0	80.0	0.0	-	-	11.9	0.0	-	0.0	-	-	-	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0
117.0	45.0	6.5	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.8	-	0.0
117.0	55.0	0.0	-	6.1	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
117.0	60.0	0.0	-	0.0	7.8	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	65.0	0.0	-	25.0	2.5	0.0	-	0.0	0.0	3.0	3.1	-	2.8
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	15.7	-	0.0
117.0	80.0	0.0	-	-	7.1	0.0	-	0.0	-	-	-	-	0.0
120.0	45.0	2.7	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
120.0	50.0	3.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	10.5	-	0.0	0.0	-	0.0	-	0.0
120.0	60.0	0.0	-	17.4	3.6	6.1	-	0.0	0.0	-	-	-	3.1
120.0	65.0	2.3	-	-	3.7	3.4	-	0.0	0.0	-	0.0	-	8.0
120.0	70.0	15.1	-	-	0.0	0.0	-	0.0	5.8	-	0.0	-	12.2
120.0	80.0	0.0	-	-	3.5	0.0	-	0.0	-	-	-	-	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	0.0	-	-	6.2	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	10.9	-	0.0
123.0	50.0	0.0	-	-	0.0	3.4	-	3.1	0.0	-	6.0	0.0	0.0
123.0	55.0	2.9	-	-	0.0	0.0	-	0.0	3.1	-	6.2	-	6.2
123.0	60.0	0.0	-	-	0.0	6.6	-	0.0	0.0	-	5.8	0.0	16.1
123.0	65.0	0.0	-	-	-	3.2	-	0.0	-	-	-	-	-
123.0	70.0	10.2	-	-	-	6.8	-	0.0	-	-	-	-	-
123.0	80.0	2.9	-	-	-	-	-	2.5	-	-	-	-	-
127.0	45.0	-	3.3	-	0.0	0.0	-	3.1	2.6	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	3.3	-	0.0	12.6	-	2.7	1.4	0.0
127.0	55.0	-	12.3	-	0.0	6.7	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	2.9	-	0.0	14.5	-	2.7	0.0	-	5.5	0.0	0.0
127.0	65.0	-	0.0	-	-	6.8	-	0.0	-	-	-	-	-
127.0	70.0	-	6.5	-	-	6.6	-	3.0	-	-	-	-	-
127.0	80.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.5
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
130.0	40.0	-	8.5	-	0.0	6.7	-	0.0	0.0	-	0.0	0.0	0.0
130.0	45.0	-	2.8	-	3.5	0.0	-	0.0	19.3	-	0.0	-	3.0
130.0	50.0	-	6.4	-	7.1	0.0	-	2.8	6.4	-	0.0	3.1	18.5
130.0	55.0	-	0.0	-	8.9	7.0	-	2.9	2.9	-	2.8	-	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	2.8	8.8	-	0.0	0.0	2.8
130.0	65.0	-	-	-	-	7.3	-	0.0	-	-	-	-	-
130.0	70.0	-	0.0	-	-	13.3	-	8.0	-	-	-	-	-
130.0	80.0	-	24.8	-	-	-	-	27.1	-	-	-	-	-
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	10.5	-	0.0	-	0.0
133.0	40.0	-	0.0	-	0.0	0.0	-	0.0	13.4	-	0.0	0.0	0.0

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 45.0	–	3.4	–	0.0	10.2	–	0.0	0.0	–	0.0	–	–
133.0 50.0	–	0.0	–	3.9	3.4	–	0.0	0.0	–	0.0	0.0	–
133.0 55.0	–	0.0	–	0.0	0.0	–	2.8	0.0	–	0.0	–	–
133.0 60.0	–	3.0	–	0.0	10.5	–	23.4	0.0	–	0.0	0.0	–
137.0 30.0	–	0.0	–	0.0	0.0	–	0.0	21.6	–	0.0	0.0	0.0
137.0 35.0	–	2.8	–	0.0	0.0	–	0.0	9.3	–	2.5	0.0	0.0
137.0 40.0	–	6.0	–	0.0	0.0	–	0.0	8.9	–	0.0	0.0	2.6
137.0 45.0	–	0.0	–	0.0	3.5	–	–	8.5	–	0.0	–	–
137.0 50.0	–	3.1	–	3.6	3.3	–	0.0	0.0	–	0.0	5.8	–
137.0 55.0	–	3.2	–	11.3	0.0	–	0.0	0.0	–	0.0	–	–
137.0 60.0	–	0.0	–	7.3	0.0	–	5.2	0.0	–	0.0	0.0	–
140.0 60.0	–	–	–	–	–	–	–	–	–	–	18.4	–
143.0 26.0	–	–	–	–	–	–	–	–	–	–	2.5	–
143.0 30.0	–	–	–	–	–	–	–	–	–	–	11.8	–
143.0 35.0	–	–	–	–	–	–	–	–	–	–	3.0	–
143.0 40.0	–	–	–	–	–	–	–	–	–	–	6.1	–
143.0 50.0	–	–	–	–	–	–	–	–	–	–	11.6	–
143.0 60.0	–	–	–	–	–	–	–	–	–	–	3.2	–
144.5 23.0	–	–	–	–	–	–	–	–	–	–	2.9	–
147.0 25.0	–	–	–	–	–	–	–	–	–	–	3.0	–
147.0 30.0	–	–	–	–	–	–	–	–	–	–	21.8	–
147.0 60.0	–	–	–	–	–	–	–	–	–	–	36.6	–
150.0 19.0	–	–	–	–	–	–	–	–	–	–	20.8	–
150.0 25.0	–	–	–	–	–	–	–	–	–	–	20.9	–
150.0 50.0	–	–	–	–	–	–	–	–	–	–	8.9	–
150.0 60.0	–	–	–	–	–	–	–	–	–	–	49.3	–
153.0 16.0	–	–	–	–	–	–	–	–	–	–	3.1	–
153.0 20.0	–	–	–	–	–	–	–	–	–	–	6.0	–
153.0 50.0	–	–	–	–	–	–	–	–	–	–	37.8	–
153.0 60.0	–	–	–	–	–	–	–	–	–	–	61.0	–

Hygophum reinhardtii

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 120.0	–	–	–	–	–	–	–	–	–	2.8	–	0.0
93.0 130.0	–	–	–	–	–	–	–	–	–	–	–	10.4
97.0 80.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0
97.0 90.0	0.0	0.0	0.0	–	0.0	0.0	3.1	–	–	–	–	–
100.0 80.0	0.0	0.0	–	7.2	0.0	0.0	0.0	–	–	0.0	–	0.0
103.0 65.0	0.0	3.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
107.0 50.0	0.0	3.1	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
107.0 60.0	0.0	0.0	–	3.5	0.0	–	0.0	0.0	0.0	0.0	–	0.0
107.0 70.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	9.4	0.0	–	0.0

TABLE 4. (cont.)

Loweina rara

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 80.0	0.0	0.0	-	0.0	3.5	0.0	0.0	-	-	0.0	-	0.0
103.0 90.0	-	-	-	3.2	0.0	0.0	-	-	-	-	-	-
107.0 60.0	0.0	0.0	-	3.5	3.3	-	0.0	0.0	0.0	0.0	-	0.0
123.0 60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.7
127.0 55.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0

Myctophum nitidulum

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 120.0	-	-	-	-	-	-	-	-	-	0.0	-	3.2
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	3.0
93.0 90.0	2.6	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	-	0.0
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	2.6
97.0 55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
97.0 80.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.7
97.0 90.0	0.0	0.0	0.0	-	0.0	0.0	3.1	-	-	-	-	-
100.0 45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.0	0.0	-	0.0
100.0 60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	6.5	-	0.0
100.0 65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	2.9	-	0.0
100.0 70.0	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 80.0	0.0	0.0	-	3.6	3.5	0.0	0.0	-	-	0.0	-	0.0
100.0 90.0	0.0	-	-	0.0	0.0	3.4	7.0	-	-	-	-	-
100.0 100.0	6.0	-	-	-	-	-	0.0	-	-	-	-	-
103.0 40.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0 60.0	0.0	0.0	-	6.1	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
103.0 65.0	0.0	3.0	-	0.0	0.0	6.4	0.0	3.0	6.4	0.0	-	0.0
103.0 70.0	3.0	0.0	-	0.0	0.0	0.0	3.0	3.0	0.0	5.8	-	0.0
103.0 80.0	0.0	0.0	-	0.0	3.1	3.2	0.0	-	-	-	-	5.4
103.0 90.0	-	-	-	3.2	0.0	9.6	-	-	-	-	-	-
107.0 50.0	0.0	0.0	-	0.0	0.0	-	3.0	0.0	0.0	0.0	-	0.0
107.0 60.0	0.0	0.0	-	0.0	6.6	-	0.0	3.1	0.0	0.0	-	0.0
107.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
107.0 90.0	-	-	-	2.9	0.0	-	-	-	-	-	-	-
110.0 40.0	0.0	-	0.0	0.0	0.0	-	-	0.0	3.3	0.0	-	0.0
110.0 45.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	0.0	0.0
110.0 50.0	0.0	-	0.0	0.0	7.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0 60.0	0.0	-	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0 80.0	0.0	-	0.0	0.0	0.0	-	0.0	-	-	-	-	3.0
110.0 90.0	0.0	-	-	0.0	3.2	-	-	-	-	-	-	-
113.0 50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
113.0 55.0	0.0	-	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0
113.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	6.0	-	0.0
113.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	9.0	0.0	-	0.0
117.0 40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	-	0.0

TABLE 4. (cont.)

Myctophum nitidulum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	3.3	2.9	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.6
120.0	55.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	2.8
123.0	50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.0
123.0	80.0	2.9	-	-	-	-	-	0.0	-	-	-	-	-
130.0	50.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	0.0	0.0

Protomyctophum crockeri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	1.4	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	5.3
60.0	60.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	8.2
60.0	65.0	0.0	-	-	5.9	-	3.2	-	-	-	-	-	-
60.0	70.0	0.0	-	-	0.0	-	8.3	12.8	-	-	3.3	-	0.0
60.0	80.0	0.0	-	-	-	-	3.0	6.5	-	-	2.5	-	3.0
60.0	90.0	0.0	-	-	-	-	0.0	0.0	-	-	0.0	-	4.8
63.0	55.0	0.0	-	-	5.9	-	0.0	0.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	6.4	-	3.2	6.6	-	-	2.9	-	6.1
63.0	65.0	-	-	-	2.9	-	2.8	-	-	-	-	-	-
63.0	70.0	-	-	-	8.3	-	5.8	0.0	-	-	-	-	6.1
63.0	80.0	-	-	-	-	-	0.0	17.1	-	-	8.9	-	-
67.0	50.0	0.0	-	-	0.0	-	0.0	0.0	-	-	2.9	-	0.0
67.0	55.0	2.9	-	-	3.0	-	3.0	0.0	-	-	3.1	-	5.8
67.0	60.0	0.0	-	-	0.0	-	0.0	3.6	-	-	-	-	3.0
67.0	65.0	-	-	-	3.0	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	-	3.0	-	3.3	3.0	-	-	10.2	-	0.0
67.0	80.0	-	-	-	0.0	-	0.0	6.7	-	-	3.4	-	-
70.0	53.0	0.0	-	-	0.0	-	6.2	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	3.1	-	3.3	3.5	-	-	-	-	6.8
70.0	70.0	0.0	-	-	2.5	-	0.0	6.2	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	15.0	-	3.3	0.0	-	-	0.0	-	2.9
70.0	90.0	0.0	-	-	-	-	3.0	0.0	-	-	9.8	-	6.1
70.0	100.0	7.7	-	-	-	-	-	-	-	-	-	-	-
73.0	50.0	-	0.0	-	0.0	-	0.0	2.9	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	0.0	-	0.0	20.2	-	-	0.0	-	0.0
73.0	70.0	-	-	-	5.6	-	0.0	3.6	-	-	0.0	-	0.0
73.0	80.0	-	-	-	2.8	-	3.1	6.6	-	-	0.0	-	-
73.0	90.0	-	-	-	5.7	-	6.6	3.1	-	-	-	-	-
77.0	51.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.3	-	2.9
77.0	55.0	-	0.0	-	0.0	-	3.5	0.0	-	-	3.1	-	0.0
77.0	60.0	-	6.8	-	0.0	-	3.2	0.0	-	-	3.0	-	0.0
77.0	70.0	-	-	-	2.7	-	0.0	3.4	-	-	3.2	-	3.0
77.0	80.0	0.0	-	-	8.5	-	0.0	0.0	-	-	6.0	-	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0 90.0	3.4	-	-	0.0	-	0.0	0.0	-	-	9.6	-	-
80.0 52.0	-	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
80.0 55.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	3.7	-	0.0
80.0 60.0	-	0.0	-	3.1	3.5	2.8	0.0	0.0	3.2	3.1	-	3.0
80.0 65.0	-	0.0	-	2.4	0.0	0.0	0.0	3.3	0.0	0.0	-	0.0
80.0 70.0	-	7.3	-	0.0	0.0	5.8	0.0	6.9	3.2	0.0	-	16.3
80.0 80.0	-	5.3	-	0.0	6.9	0.0	0.0	3.3	6.4	0.0	-	6.3
80.0 90.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	6.3	4.4	-	18.1
80.0 100.0	-	2.8	-	-	-	-	-	-	-	-	-	-
82.0 47.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 55.0	-	0.0	-	2.9	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 60.0	-	0.0	-	0.0	0.0	5.5	0.0	0.0	2.7	0.0	-	0.0
83.0 65.0	-	1.7	-	0.0	0.0	9.2	0.0	9.4	0.0	0.0	-	3.3
83.0 70.0	-	6.2	-	0.0	0.0	0.0	13.4	0.0	0.0	0.0	-	2.9
83.0 80.0	-	6.2	-	3.3	3.0	3.0	0.0	0.0	3.2	7.0	-	0.0
83.0 90.0	-	1.6	-	8.8	10.3	2.7	0.0	3.1	0.0	3.3	-	-
87.0 35.0	-	0.0	-	0.0	0.0	0.0	6.2	0.0	3.0	0.0	-	0.0
87.0 40.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	3.5	-	14.6
87.0 45.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
87.0 55.0	-	0.0	-	3.1	0.0	0.0	0.0	3.1	0.0	3.3	-	3.3
87.0 60.0	-	0.0	-	0.0	3.5	0.0	6.4	0.0	0.0	0.0	-	0.0
87.0 65.0	-	3.4	-	10.4	9.4	5.7	9.5	0.0	0.0	0.0	-	0.0
87.0 70.0	-	3.1	3.4	-	0.0	0.0	15.1	0.0	0.0	6.8	-	12.0
87.0 80.0	-	17.8	3.3	-	3.7	7.5	5.9	3.2	5.6	0.0	-	5.9
87.0 90.0	-	9.0	0.0	-	21.2	5.2	0.0	0.0	3.0	6.3	-	-
90.0 28.0	-	0.0	0.0	-	0.0	0.0	0.0	3.5	0.0	0.0	-	0.0
90.0 30.0	-	-	-	-	-	-	-	7.4	-	-	-	-
90.0 32.0	-	0.0	2.9	-	0.0	0.0	0.0	3.8	8.6	0.0	-	0.0
90.0 37.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.1
90.0 50.0	-	0.0	-	-	0.0	-	-	0.0	3.2	-	-	-
90.0 53.0	-	-	2.9	-	-	2.9	0.0	-	-	0.0	-	0.0
90.0 55.0	-	0.0	-	-	3.3	-	-	0.0	0.0	-	-	-
90.0 60.0	-	6.7	0.0	-	0.0	0.0	0.0	3.5	9.8	0.0	-	0.0
90.0 65.0	-	3.2	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	-	3.0
90.0 70.0	-	9.9	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0
90.0 80.0	-	0.0	13.3	-	10.5	0.0	2.8	0.0	0.0	3.2	-	6.0
90.0 90.0	-	0.0	2.5	-	3.3	0.0	6.0	3.3	3.1	0.0	-	3.2
90.0 97.0	-	-	-	-	-	-	-	-	-	-	-	10.1
90.0 100.0	-	0.0	-	-	-	-	0.0	-	-	3.0	-	-
90.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	6.2
90.0 120.0	-	-	-	-	-	-	-	-	-	5.7	-	9.5
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	6.1
90.0 140.0	-	-	-	-	-	-	-	-	-	-	-	3.1
93.0 28.0	0.0	0.0	2.4	-	0.0	0.0	0.0	4.0	0.0	0.0	-	0.0
93.0 30.0	0.0	0.0	0.0	-	3.4	2.9	0.0	6.8	0.0	0.0	-	3.2
93.0 35.0	0.0	0.0	2.7	-	0.0	0.0	0.0	17.2	0.0	0.0	-	3.0

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 40.0	0.0	16.3	0.0	–	0.0	2.9	–	10.1	0.0	0.0	–	0.0
93.0 45.0	3.0	0.0	0.0	–	0.0	3.0	3.2	23.2	0.0	6.2	–	0.0
93.0 50.0	0.0	8.9	0.0	–	3.2	0.0	0.0	7.0	3.3	9.1	–	0.0
93.0 55.0	3.0	2.8	5.0	–	10.8	0.0	12.6	0.0	3.2	2.9	–	0.0
93.0 60.0	9.0	5.6	3.0	–	3.4	3.0	0.0	0.0	0.0	6.4	–	0.0
93.0 65.0	0.0	12.7	0.0	–	0.0	0.0	3.1	0.0	3.3	2.9	–	0.0
93.0 70.0	3.0	0.0	2.7	–	0.0	5.6	–	0.0	0.0	–	–	0.0
93.0 80.0	0.0	2.8	9.0	–	7.5	6.2	6.3	0.0	0.0	–	–	9.8
93.0 90.0	0.0	0.0	0.0	–	1.8	11.0	3.0	–	–	9.2	–	2.6
93.0 100.0	–	–	–	–	10.2	–	–	–	–	0.0	–	0.0
93.0 110.0	–	–	–	–	–	–	–	–	–	0.0	–	6.5
93.0 120.0	–	–	–	–	–	–	–	–	–	6.2	–	22.5
94.0 78.0	–	–	–	–	–	–	–	–	–	5.5	–	–
94.0 139.0	–	–	–	–	–	–	–	–	–	–	–	3.0
97.0 32.0	0.0	–	4.2	–	–	0.0	0.0	–	–	6.1	–	0.0
97.0 35.0	0.0	3.5	14.7	–	6.6	–	0.0	3.1	0.0	0.0	0.0	2.5
97.0 40.0	0.0	0.0	8.2	–	0.0	0.0	10.8	3.0	3.4	2.9	–	0.0
97.0 45.0	0.0	3.2	0.0	–	3.6	3.2	3.1	3.1	0.0	0.0	0.0	5.1
97.0 50.0	5.7	8.7	10.7	–	6.5	0.0	20.1	3.1	0.0	2.0	–	30.0
97.0 55.0	0.0	3.2	0.0	–	0.0	3.3	6.9	0.0	15.1	1.9	–	0.0
97.0 60.0	0.0	0.0	6.2	–	24.6	0.0	0.0	0.0	9.8	3.3	–	5.2
97.0 65.0	6.0	8.9	2.8	–	0.0	9.0	0.0	0.0	0.0	0.0	–	0.0
97.0 70.0	0.0	6.3	12.4	–	3.6	0.0	3.1	0.0	0.0	0.0	–	5.4
97.0 80.0	0.0	8.2	42.9	–	0.0	8.7	0.0	0.0	5.9	0.0	–	2.7
97.0 90.0	2.6	10.8	17.5	–	0.0	0.0	0.0	–	–	–	–	–
100.0 29.0	0.0	0.0	–	0.0	0.0	0.0	2.0	0.0	0.0	0.0	–	0.0
100.0 30.0	0.0	3.0	–	0.0	3.0	10.0	0.0	8.6	0.0	3.4	–	0.0
100.0 35.0	6.4	9.3	–	8.1	9.5	3.1	0.0	12.7	3.2	9.5	6.0	0.0
100.0 40.0	0.0	3.1	–	5.8	9.1	3.3	6.8	5.7	3.0	3.4	–	4.9
100.0 45.0	9.8	6.9	–	11.2	0.0	12.3	14.9	0.0	6.4	0.0	0.0	2.7
100.0 50.0	0.0	5.3	–	12.4	3.9	6.5	10.2	0.0	3.3	0.0	–	8.3
100.0 55.0	0.0	3.0	–	9.3	0.0	0.0	13.8	3.1	0.0	0.0	–	11.5
100.0 60.0	0.0	0.0	–	3.5	0.0	0.0	0.0	0.0	0.0	16.1	–	2.6
100.0 65.0	8.7	7.0	–	9.2	11.5	6.6	3.5	5.8	0.0	2.9	–	0.0
100.0 70.0	23.1	0.0	–	0.0	3.7	6.4	3.6	0.0	3.2	0.0	–	3.0
100.0 80.0	0.0	12.4	–	7.2	10.6	0.0	0.0	–	–	0.0	–	0.0
100.0 90.0	2.9	–	–	10.4	3.4	3.4	7.0	–	–	–	–	–
103.0 29.0	0.0	0.0	–	0.0	0.0	–	0.0	1.6	0.0	0.0	–	0.0
103.0 30.0	1.2	5.1	–	0.0	0.0	–	6.9	0.0	0.0	0.0	–	0.0
103.0 35.0	0.0	25.0	–	8.2	3.3	–	0.0	0.0	0.0	3.9	9.5	2.5
103.0 40.0	11.6	20.9	–	38.6	12.4	–	4.7	3.0	3.3	0.0	–	2.5
103.0 45.0	6.2	22.1	–	15.3	0.0	–	0.0	0.0	3.1	0.0	0.0	0.0
103.0 50.0	6.6	6.6	–	14.8	6.5	16.9	3.2	3.2	9.4	3.5	–	0.0
103.0 55.0	0.0	0.0	–	5.8	3.4	6.9	14.9	3.2	0.0	–	–	0.0
103.0 60.0	0.0	0.0	–	0.0	9.8	3.3	9.8	0.0	6.5	3.1	–	0.0
103.0 65.0	3.0	3.0	–	0.0	12.4	6.4	5.1	0.0	0.0	0.0	–	0.0

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	70.0	8.9	6.3	-	3.0	15.9	3.2	11.8	0.0	0.0	5.8	-	2.6
103.0	80.0	6.1	12.8	-	0.0	3.1	9.7	0.0	-	-	-	-	59.2
103.0	90.0	-	-	-	9.7	3.2	0.0	-	-	-	-	-	-
107.0	32.0	0.0	2.5	-	0.0	0.0	-	0.0	6.1	3.3	0.0	-	2.8
107.0	35.0	0.0	0.0	-	3.4	0.0	-	12.8	0.0	0.0	0.0	0.0	2.8
107.0	40.0	0.0	3.0	-	3.7	6.8	-	24.2	0.0	9.0	6.4	-	2.5
107.0	45.0	0.0	2.8	-	32.7	6.6	-	8.3	0.0	0.0	3.3	12.0	2.4
107.0	50.0	0.0	3.1	-	30.4	14.2	-	0.0	0.0	6.3	3.3	-	0.0
107.0	55.0	23.0	20.3	-	14.6	0.0	-	6.4	0.0	3.1	0.0	-	0.0
107.0	60.0	3.0	6.0	-	7.1	3.3	-	0.0	0.0	3.0	0.0	-	8.3
107.0	65.0	2.8	-	3.3	7.9	16.1	-	3.1	0.0	6.2	3.6	-	11.2
107.0	70.0	0.0	-	6.2	0.0	6.5	-	0.0	0.0	9.4	6.6	-	5.1
107.0	80.0	3.1	-	0.0	3.4	3.1	-	0.0	-	-	-	-	5.9
107.0	90.0	-	-	-	0.0	9.0	-	-	-	-	-	-	-
110.0	33.0	-	-	-	3.0	-	-	-	-	-	-	-	-
110.0	35.0	0.0	-	0.0	15.3	3.4	-	0.0	3.2	6.4	0.0	9.5	0.0
110.0	40.0	0.0	-	0.0	0.0	43.3	-	-	0.0	6.5	0.0	-	11.5
110.0	45.0	10.8	-	5.9	10.3	19.9	-	6.3	0.0	3.3	12.8	8.8	11.0
110.0	50.0	8.9	-	0.0	3.2	14.0	-	0.0	0.0	0.0	3.2	-	5.9
110.0	55.0	0.0	-	9.8	0.0	6.9	-	0.0	0.0	3.2	3.3	-	2.5
110.0	60.0	17.8	-	5.8	3.7	3.4	-	20.9	0.0	3.1	6.2	-	10.6
110.0	65.0	2.8	-	3.2	0.0	3.2	-	0.0	0.0	3.0	24.7	-	2.8
110.0	70.0	0.0	-	2.9	0.0	15.3	-	0.0	3.0	0.0	0.0	-	11.6
110.0	80.0	0.0	-	3.1	6.3	3.2	-	0.0	-	-	-	-	9.0
113.0	35.0	0.0	-	0.0	4.1	2.8	-	0.0	3.1	0.0	3.2	6.5	0.0
113.0	40.0	6.5	-	13.3	6.2	0.0	-	3.0	0.0	0.0	6.5	-	2.4
113.0	45.0	0.0	-	0.0	3.2	10.2	-	2.8	0.0	0.0	5.8	8.3	0.0
113.0	50.0	0.0	-	2.8	3.5	3.3	-	0.0	0.0	0.0	3.2	-	0.0
113.0	55.0	2.9	-	6.5	0.0	18.7	-	0.0	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	6.6	0.0	-	-	0.0	0.0	5.6	0.0	-	0.0
113.0	65.0	0.0	-	0.0	6.3	6.8	-	0.0	3.7	3.2	0.0	-	2.8
113.0	70.0	6.0	-	0.0	0.0	0.0	-	0.0	3.3	0.0	0.0	-	2.9
113.0	80.0	6.1	-	-	0.0	3.4	-	0.0	-	-	-	-	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.1	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	6.0	-	0.0	0.0	0.0	0.0	0.0	6.3
117.0	40.0	5.3	-	0.0	3.6	3.2	-	3.3	0.0	0.0	0.0	-	2.5
117.0	45.0	0.0	-	0.0	3.3	0.0	-	3.1	0.0	0.0	0.0	0.0	2.5
117.0	50.0	2.9	-	0.0	3.1	0.0	-	6.2	0.0	0.0	0.0	-	0.0
117.0	55.0	3.2	-	0.0	0.0	0.0	-	3.2	3.0	0.0	0.0	-	0.0
117.0	60.0	0.0	-	11.2	23.3	0.0	-	3.1	9.9	0.0	3.2	-	17.5
117.0	65.0	0.0	-	3.1	0.0	6.4	-	0.0	2.8	0.0	0.0	-	16.7
117.0	70.0	3.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	-	7.9
117.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	5.6
118.0	39.0	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	7.8
120.0	45.0	0.0	-	0.0	0.0	3.7	-	0.0	0.0	-	0.0	0.0	0.0
120.0	50.0	0.0	-	9.8	2.1	0.0	-	15.8	8.6	-	0.0	-	2.8

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	55.0	8.6	-	3.1	6.2	0.0	-	0.0	9.6	-	0.0	-	2.6
120.0	65.0	0.0	-	-	22.0	0.0	-	0.0	0.0	-	9.5	-	2.7
120.0	70.0	3.0	-	-	0.0	0.0	-	0.0	0.0	-	3.3	-	0.0
120.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	11.3
123.0	40.0	0.0	-	-	-	0.0	-	-	16.0	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	0.0	-	-	3.1	-	7.6
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	8.2	-	6.1
123.0	50.0	0.0	-	-	3.4	0.0	-	0.0	0.0	-	0.0	6.1	8.9
123.0	55.0	2.9	-	-	0.0	0.0	-	0.0	0.0	-	3.1	-	6.2
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	5.4
123.0	80.0	2.9	-	-	-	-	-	4.9	-	-	-	-	-
127.0	45.0	-	0.0	-	0.0	0.0	-	0.0	2.6	-	3.0	-	0.0
127.0	50.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	5.4	1.4	0.0
127.0	55.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	5.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	65.0	-	2.6	-	-	0.0	-	0.0	-	-	-	-	-
127.0	75.0	-	3.4	-	-	-	-	-	-	-	-	-	-
130.0	40.0	-	0.0	-	0.0	26.7	-	0.0	0.0	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0
130.0	50.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	6.2
130.0	55.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	80.0	-	3.1	-	-	-	-	0.0	-	-	-	-	-
133.0	35.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0
133.0	45.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0	-	-
133.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.7	0.0	-
147.0	60.0	-	-	-	-	-	-	-	-	-	-	3.0	-

Symbolophorus californiensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	-	-	-	0.0	-	0.0	3.2	-	-	-	-	0.0
63.0	80.0	-	-	-	-	-	0.0	3.4	-	-	3.0	-	-
63.0	90.0	-	-	-	-	-	0.0	6.4	-	-	0.0	-	-
67.0	80.0	-	-	-	0.0	-	0.0	16.7	-	-	0.0	-	-
70.0	70.0	0.0	-	-	0.0	-	0.0	3.1	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
70.0	100.0	2.6	-	-	-	-	-	-	-	-	-	-	-
73.0	60.0	-	0.0	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
73.0	90.0	-	-	-	2.9	-	0.0	0.0	-	-	-	-	-
74.0	91.0	-	-	-	-	-	-	-	-	-	3.3	-	-
77.0	80.0	0.0	-	-	0.0	-	0.0	3.4	-	-	0.0	-	-
77.0	90.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.2	-	-
80.0	70.0	-	0.0	-	0.0	0.0	0.0	3.6	13.8	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	6.4	0.0	-	0.0
80.0	90.0	-	4.9	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	3.0

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 65.0	-	0.0	-	0.0	0.0	0.0	0.0	6.3	0.0	0.0	-	0.0
83.0 70.0	-	0.0	-	0.0	0.0	0.0	16.8	0.0	0.0	3.7	-	2.9
83.0 80.0	-	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0	3.5	-	0.0
83.0 90.0	-	0.0	-	2.9	6.9	0.0	0.0	0.0	0.0	3.3	-	-
87.0 60.0	-	0.0	-	4.0	0.0	0.0	3.2	0.0	3.3	0.0	-	0.0
87.0 65.0	-	0.0	-	0.0	0.0	2.9	0.0	3.0	0.0	0.0	-	0.0
87.0 70.0	-	0.0	0.0	-	0.0	0.0	6.1	0.0	3.3	0.0	-	3.0
87.0 80.0	-	3.0	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	-	0.0
87.0 90.0	-	0.0	0.0	-	10.6	0.0	5.8	0.0	0.0	3.2	-	-
90.0 32.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	3.4	-	0.0
90.0 55.0	-	0.0	-	-	6.6	-	-	0.0	0.0	-	-	-
90.0 60.0	-	3.4	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 65.0	-	12.8	0.0	-	0.0	2.7	0.0	7.1	0.0	3.3	-	0.0
90.0 70.0	-	6.6	3.5	-	3.5	0.0	3.1	0.0	0.0	-	-	3.3
90.0 80.0	-	6.0	0.0	-	14.0	0.0	2.8	0.0	0.0	6.4	-	6.0
90.0 90.0	-	0.0	41.8	-	0.0	0.0	3.0	6.7	3.1	0.0	-	3.2
90.0 97.0	-	-	-	-	-	-	-	-	-	-	-	2.5
90.0 110.0	-	-	-	-	-	-	-	-	-	0.0	-	12.3
90.0 120.0	-	-	-	-	-	-	-	-	-	0.0	-	6.3
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	6.1
93.0 40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	6.3	6.4	-	0.0
93.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	0.0	6.2	-	0.0
93.0 50.0	2.8	8.9	0.0	-	3.5	0.0	0.0	0.0	0.0	3.0	-	0.0
93.0 55.0	0.0	5.6	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 60.0	3.0	0.0	3.0	-	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 65.0	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 70.0	3.0	0.0	5.4	-	0.0	0.0	-	0.0	0.0	-	-	0.0
93.0 80.0	0.0	2.8	0.0	-	19.4	0.0	0.0	3.0	0.0	-	-	9.8
93.0 90.0	23.1	3.3	6.0	-	3.6	13.8	3.0	-	-	9.2	-	0.0
93.0 100.0	-	-	-	-	13.6	-	-	-	-	3.1	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
93.0 120.0	-	-	-	-	-	-	-	-	-	0.0	-	12.9
97.0 40.0	0.0	0.0	11.0	-	0.0	0.0	0.0	6.0	3.4	2.9	-	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	7.1	0.0	0.0
97.0 50.0	2.9	14.5	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.7
97.0 55.0	3.0	0.0	3.1	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
97.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	3.3	-	0.0
97.0 65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.0	-	0.0
97.0 70.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.3	-	0.0
97.0 80.0	0.0	8.2	16.5	-	13.7	5.8	0.0	2.8	0.0	2.2	-	0.0
97.0 90.0	2.6	19.0	11.6	-	3.4	3.0	6.2	-	-	-	-	-
100.0 35.0	3.2	3.1	-	0.0	0.0	0.0	3.0	3.2	0.0	0.0	0.0	0.0
100.0 45.0	0.0	0.0	-	3.7	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0
100.0 55.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	12.0	0.0	-	0.0
100.0 60.0	3.1	2.9	-	3.5	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0 65.0	8.7	21.1	-	6.1	0.0	0.0	3.5	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	13.2	0.0	-	6.6	7.4	6.4	0.0	5.5	0.0	0.0	-	0.0
100.0	80.0	3.7	21.8	-	14.4	7.1	6.5	0.0	-	-	0.0	-	0.0
100.0	90.0	11.7	-	-	31.3	6.8	0.0	0.0	-	-	-	-	-
103.0	29.0	0.0	0.0	-	0.0	0.0	-	0.0	3.1	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	5.9	0.0	3.1	-	0.0
103.0	35.0	0.0	3.1	-	4.1	3.3	-	1.5	6.5	0.0	0.0	0.0	0.0
103.0	40.0	0.0	47.8	-	7.0	0.0	-	0.0	0.0	0.0	3.9	-	0.0
103.0	45.0	3.1	3.2	-	6.1	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0
103.0	50.0	3.3	3.3	-	0.0	0.0	3.4	0.0	6.4	0.0	0.0	-	0.0
103.0	55.0	6.0	6.4	-	2.9	3.4	3.5	3.0	3.2	0.0	-	-	0.0
103.0	60.0	0.0	0.0	-	6.1	0.0	0.0	0.0	6.4	6.5	0.0	-	2.5
103.0	65.0	0.0	9.1	-	8.3	15.5	0.0	0.0	0.0	0.0	3.5	-	0.0
103.0	70.0	8.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	80.0	9.1	38.4	-	7.2	0.0	0.0	0.0	-	-	-	-	0.0
103.0	90.0	-	-	-	3.2	0.0	0.0	-	-	-	-	-	-
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	3.3	-	0.0
107.0	35.0	0.0	3.0	-	0.0	0.0	-	3.2	3.3	0.0	0.0	0.0	0.0
107.0	40.0	0.0	3.0	-	7.3	0.0	-	6.9	0.0	0.0	0.0	-	2.5
107.0	45.0	3.1	2.8	-	0.0	0.0	-	5.5	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	3.1	-	6.8	7.1	-	9.0	0.0	0.0	3.3	-	1.9
107.0	55.0	9.8	5.8	-	0.0	3.4	-	0.0	0.0	6.2	0.0	-	0.0
107.0	60.0	3.0	12.0	-	14.1	3.3	-	0.0	0.0	3.0	0.0	-	0.0
107.0	65.0	0.0	-	19.8	31.4	0.0	-	0.0	0.0	0.0	0.0	-	2.8
107.0	70.0	3.0	-	6.2	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	80.0	3.1	-	6.1	0.0	0.0	-	0.0	-	-	-	-	0.0
107.0	90.0	-	-	-	5.7	0.0	-	-	-	-	-	-	-
110.0	35.0	0.0	-	0.0	3.1	3.4	-	0.0	0.0	0.0	3.4	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	6.7	-	-	0.0	0.0	0.0	-	0.0
110.0	41.0	-	-	-	-	-	-	2.6	-	-	-	-	-
110.0	45.0	0.0	-	2.9	24.1	3.3	-	3.2	0.0	3.3	0.0	0.0	0.0
110.0	50.0	3.0	-	13.7	9.5	0.0	-	5.2	0.0	3.2	0.0	-	0.0
110.0	55.0	2.8	-	9.8	0.0	0.0	-	3.2	0.0	0.0	3.3	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	6.0	0.0	0.0	0.0	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	2.9	0.0	0.0	0.0	-	0.0
110.0	70.0	0.0	-	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0
110.0	80.0	0.0	-	3.1	0.0	0.0	-	0.0	-	-	-	-	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	6.1	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	6.2	0.0	-	0.0	9.5	0.0	0.0	-	0.0
113.0	45.0	0.0	-	11.6	3.2	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	2.8	3.5	0.0	-	0.0	0.0	3.0	0.0	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	9.4	2.7	0.0	0.0	-	0.0
113.0	60.0	0.0	-	3.3	3.2	-	-	3.3	3.0	2.8	0.0	-	0.0
113.0	65.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	70.0	0.0	-	0.0	9.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	45.0	0.0	–	0.0	3.3	0.0	–	0.0	0.0	3.2	0.0	0.0	0.0
117.0	60.0	0.0	–	0.0	3.9	0.0	–	0.0	16.5	0.0	0.0	–	0.0
117.0	65.0	0.0	–	0.0	0.0	0.0	–	0.0	2.8	0.0	0.0	–	0.0
117.0	70.0	0.0	–	0.0	0.0	0.0	–	3.3	3.0	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	6.4	0.0	–	3.3	0.0	–	0.0	0.0	0.0
120.0	50.0	0.0	–	0.0	4.3	0.0	–	3.2	0.0	–	0.0	–	0.0
120.0	55.0	0.0	–	0.0	3.1	0.0	–	2.6	0.0	–	0.0	–	0.0
123.0	40.0	0.0	–	–	–	0.0	–	–	3.2	–	–	0.0	–
123.0	55.0	0.0	–	–	0.0	0.0	–	0.0	3.1	–	0.0	–	0.0
133.0	45.0	–	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0	–	–

Tarletonbeania crenularis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	2.6	–	–	0.0	–	0.0	3.0	–	–	0.0	–	0.0
60.0	55.0	2.8	–	–	2.4	–	25.5	6.3	–	–	3.0	–	7.9
60.0	60.0	0.0	–	–	0.0	–	11.3	19.1	–	–	25.0	–	16.4
60.0	65.0	0.0	–	–	20.7	–	58.1	–	–	–	–	–	–
60.0	70.0	0.0	–	–	3.0	–	33.0	51.2	–	–	0.0	–	0.0
60.0	80.0	0.0	–	–	–	–	68.8	48.5	–	–	5.0	–	9.0
60.0	90.0	0.0	–	–	–	–	48.0	10.8	–	–	2.9	–	2.4
63.0	50.0	0.0	–	–	0.0	–	3.6	0.0	–	–	0.0	–	0.0
63.0	52.0	0.0	–	–	0.0	–	0.0	0.0	–	–	5.8	–	7.3
63.0	55.0	0.0	–	–	3.0	–	6.5	37.6	–	–	0.0	–	2.5
63.0	60.0	0.0	–	–	6.4	–	35.5	3.3	–	–	5.7	–	27.6
63.0	65.0	–	–	–	23.4	–	34.1	–	–	–	–	–	–
63.0	70.0	–	–	–	5.5	–	20.2	38.3	–	–	–	–	3.1
63.0	80.0	–	–	–	–	–	0.0	51.5	–	–	11.9	–	–
63.0	90.0	–	–	–	–	–	17.5	0.0	–	–	0.0	–	–
67.0	50.0	0.0	–	–	8.7	–	0.0	0.0	–	–	8.8	–	2.9
67.0	55.0	0.0	–	–	3.0	–	39.6	7.0	–	–	9.4	–	20.4
67.0	58.0	–	–	–	–	–	–	–	–	–	3.2	–	–
67.0	60.0	0.0	–	–	23.8	–	24.6	25.2	–	–	–	–	18.3
67.0	65.0	–	–	–	6.0	–	9.6	–	–	–	–	–	–
67.0	70.0	–	–	–	3.0	–	42.5	24.3	–	–	27.3	–	55.1
67.0	80.0	–	–	–	5.6	–	0.0	0.0	–	–	3.4	–	–
67.0	90.0	–	–	–	–	–	0.0	6.9	–	–	0.0	–	–
70.0	51.0	3.1	–	–	2.9	–	3.0	2.9	–	–	3.0	–	2.8
70.0	53.0	6.7	–	–	3.0	–	21.6	7.5	–	–	6.4	–	0.0
70.0	60.0	0.0	–	–	21.7	–	13.4	21.3	–	–	–	–	13.6
70.0	65.0	0.0	–	–	0.0	–	12.7	–	–	–	–	–	–
70.0	70.0	0.0	–	–	5.0	–	67.4	78.0	–	–	6.7	–	0.0
70.0	80.0	0.0	–	–	0.0	–	6.6	3.3	–	–	13.2	–	2.9
70.0	90.0	0.0	–	–	–	–	12.1	0.0	–	–	0.0	–	3.1
73.0	50.0	–	0.0	–	5.4	–	8.1	2.9	–	–	0.0	–	0.0

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	53.0	-	3.6	-	14.9	-	59.9	0.0	-	-	8.0	-	0.0
73.0	60.0	-	0.0	-	11.4	-	19.0	16.8	-	-	3.0	-	0.0
73.0	65.0	-	-	-	-	-	6.5	-	-	-	-	-	-
73.0	70.0	-	-	-	2.8	-	35.1	14.5	-	-	3.0	-	3.1
73.0	80.0	-	-	-	0.0	-	3.1	6.6	-	-	24.2	-	-
73.0	90.0	-	-	-	2.9	-	16.5	0.0	-	-	-	-	-
77.0	48.0	0.0	-	-	4.1	-	0.0	0.0	-	-	0.0	-	0.0
77.0	51.0	0.0	-	-	8.7	-	13.5	0.0	-	-	6.7	-	14.6
77.0	55.0	-	3.0	-	5.0	-	3.5	0.0	-	-	3.1	-	0.0
77.0	60.0	-	0.0	-	2.7	-	0.0	0.0	-	-	0.0	-	2.9
77.0	65.0	-	-	-	10.7	-	6.1	-	-	-	-	-	-
77.0	70.0	-	-	-	8.2	-	3.0	20.3	-	-	9.6	-	3.0
77.0	80.0	0.0	-	-	8.5	-	16.8	23.7	-	-	11.9	-	-
77.0	90.0	0.0	-	-	0.0	-	3.1	0.0	-	-	3.2	-	-
80.0	52.0	-	0.0	-	0.0	12.6	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	55.0	-	0.0	-	3.3	0.0	0.0	5.4	0.0	0.0	7.5	-	0.0
80.0	60.0	-	0.0	-	3.1	0.0	2.8	0.0	3.3	0.0	0.0	-	3.0
80.0	65.0	-	0.0	-	2.4	0.0	3.0	9.4	0.0	0.0	3.4	-	0.0
80.0	70.0	-	0.0	-	0.0	6.6	0.0	0.0	6.9	3.2	0.0	-	9.8
80.0	80.0	-	0.0	-	0.0	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
82.0	47.0	-	0.0	-	0.0	5.5	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	5.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	55.0	-	1.6	-	0.0	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	0.0	-	0.0	7.4	0.0	3.3	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	6.0	3.4	0.0	6.7	3.1	0.0	3.5	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	2.8	0.0	15.8	51.8	7.4	-	0.0
83.0	80.0	-	1.6	-	6.5	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
87.0	55.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	5.8	0.0	3.1	3.3	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	3.1	0.0	0.0	9.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	6.8	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	0.0	2.9	0.0	5.6	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	21.2	0.0	0.0	0.0	0.0	0.0	-	-
90.0	50.0	-	0.0	-	-	10.2	-	-	0.0	0.0	-	-	-
90.0	60.0	-	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
90.0	65.0	-	0.0	0.0	-	0.0	2.7	0.0	0.0	0.0	0.0	-	3.0
90.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	-	-	3.3
93.0	50.0	0.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
93.0	60.0	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	0.0	-	1.9	0.0	0.0	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	1.8	0.0	0.0	-	-	0.0	-	0.0
93.0	100.0	-	-	-	-	3.4	-	-	-	-	0.0	-	0.0

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
97.0	50.0	0.0	2.9	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
97.0	55.0	0.0	3.2	0.0	–	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0
103.0	60.0	0.0	0.0	–	0.0	0.0	0.0	3.3	0.0	0.0	0.0	–	0.0

Synodus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	35.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0
107.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0
107.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.1
110.0	32.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	2.2	0.0	–	2.2
110.0	35.0	3.0	–	0.0	0.0	0.0	–	0.0	0.0	9.6	0.0	0.0	6.0
110.0	40.0	0.0	–	0.0	0.0	0.0	–	–	0.0	0.0	0.0	–	2.9
110.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	25.8	0.0	–	0.0
110.0	60.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.7
113.0	29.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	19.1	8.7	–	0.0
113.0	30.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	5.1	58.5	19.3	23.7
113.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	12.8	0.0	0.0
113.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.4
113.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.8
113.0	60.0	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0	0.0	–	2.8
113.0	65.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	0.0	–	0.0
117.0	25.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	20.6	1.8	–	0.0
117.0	26.0	2.1	–	0.0	0.0	0.0	–	0.0	5.1	43.0	10.7	35.1	9.4
117.0	30.0	5.6	–	0.0	0.0	0.0	–	0.0	0.0	6.0	3.1	24.7	5.9
117.0	35.0	2.8	–	0.0	0.0	0.0	–	0.0	9.2	0.0	105.3	0.0	0.0
117.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.5
117.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	5.5
118.0	39.0	–	–	–	0.0	0.0	–	0.0	5.6	0.0	16.0	–	10.4
119.0	33.0	2.9	–	0.0	0.0	0.0	–	0.0	23.3	40.2	9.1	100.4	21.9
120.0	24.0	12.5	–	0.0	0.0	0.0	–	0.0	0.0	58.7	219.0	–	94.9
120.0	25.0	13.8	–	0.0	0.0	0.0	–	0.0	0.0	84.3	176.9	1053.2	127.0
120.0	30.0	2.7	–	0.0	0.0	0.0	–	0.0	0.0	222.6	59.2	26.2	36.0
120.0	35.0	14.2	–	0.0	0.0	0.0	–	0.0	80.0	1752.5	624.2	63.7	15.2
120.0	40.0	11.7	–	0.0	0.0	0.0	–	0.0	2.1	82.9	131.3	–	18.7
120.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	–	33.0	0.0	0.0
120.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	9.6	–	0.0	–	0.0
120.0	65.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	3.2	–	0.0
123.0	36.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	48.0	–	0.0
123.0	37.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	11.9	0.0
123.0	40.0	3.1	–	–	–	0.0	–	–	0.0	–	–	2.8	–
123.0	42.0	–	–	–	0.0	–	–	0.0	–	–	18.5	–	0.0
123.0	60.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	8.8	3.2	0.0
125.0	35.5	–	–	–	–	–	–	–	–	–	–	2.8	–

TABLE 4. (cont.)

Synodus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	24.0	-	2.6
127.0	34.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	13.8	0.0	0.0
127.0	40.0	-	22.9	-	0.0	0.0	-	0.0	0.0	-	12.5	0.0	0.0
127.0	45.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	6.0	-	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	10.8	0.0	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	11.6	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	16.1	0.0	4.9
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	15.4	13.0	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	22.3	0.0	0.0
131.5	37.5	-	-	-	-	-	-	-	-	-	-	5.4	-
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	18.6	-	9.2
133.0	25.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	30.2	0.0	18.7
133.0	30.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	28.2	0.0	0.0
137.0	22.0	-	1.5	-	0.0	0.0	-	0.0	0.0	-	6.8	-	2.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	24.5	-	2.1	0.0	4.3
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	7.9	0.0	13.4
137.0	35.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.0	-
140.0	30.0	-	-	-	-	-	-	-	-	-	-	5.6	-
143.0	26.0	-	-	-	-	-	-	-	-	-	-	12.6	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	25.4	-

Bregmaceros spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	50.0	-	-	-	-	-	-	-	-	-	-	3.0	-
153.0	60.0	-	-	-	-	-	-	-	-	-	-	3.0	-

Microgadus proximus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	-	-	0.0	-	5.4	3.0	-	-	0.0	-	0.0

Merluccius productus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	-	-	3.0	-	3.2	-	-	-	-	-	-
60.0	70.0	0.0	-	-	35.9	-	0.0	0.0	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	6.0	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	3.7	0.0	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	23.7	-	0.0	0.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	22.3	-	0.0	0.0	-	-	0.0	-	0.0
63.0	65.0	-	-	-	201.5	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	-	-	-	19.4	-	0.0	0.0	-	-	-	-	0.0
63.0	90.0	-	-	-	-	-	3.5	0.0	-	-	0.0	-	-
67.0	48.0	0.0	-	-	3.1	-	0.0	-	-	-	0.0	-	0.0
67.0	50.0	0.0	-	-	274.6	-	0.0	0.0	-	-	2.9	-	0.0
67.0	55.0	0.0	-	-	115.5	-	0.0	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	104.3	-	0.0	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	214.6	-	3.2	-	-	-	-	-	-
67.0	70.0	-	-	-	53.1	-	0.0	0.0	-	-	0.0	-	0.0
70.0	51.0	1108.8	-	-	1277.5	-	0.0	0.0	-	-	0.0	-	0.0
70.0	53.0	198.8	-	-	291.0	-	0.0	3.8	-	-	0.0	-	0.0
70.0	60.0	4.0	-	-	151.9	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	0.0	-	-	37.6	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	32.2	-	0.0	0.0	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
73.0	50.0	-	98.5	-	769.2	-	0.0	0.0	-	-	0.0	-	0.0
73.0	53.0	-	1396.2	-	184.1	-	0.0	0.0	-	-	0.0	-	0.0
73.0	60.0	-	18.7	-	91.2	-	0.0	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	64.4	-	0.0	0.0	-	-	0.0	-	0.0
73.0	80.0	-	-	-	171.7	-	0.0	0.0	-	-	0.0	-	-
73.0	90.0	-	-	-	306.0	-	0.0	0.0	-	-	-	-	-
77.0	48.0	3.6	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
77.0	51.0	1257.1	-	-	251.4	-	0.0	0.0	-	-	0.0	-	5.8
77.0	55.0	-	1909.3	-	90.7	-	3.5	0.0	-	-	0.0	-	0.0
77.0	60.0	-	6467.2	-	293.8	-	0.0	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	272.3	-	3.0	-	-	-	-	-	-
77.0	70.0	-	-	-	219.2	-	0.0	0.0	-	-	0.0	-	0.0
77.0	80.0	3.2	-	-	22.7	-	0.0	0.0	-	-	0.0	-	-
77.0	90.0	0.0	-	-	34.1	-	0.0	0.0	-	-	0.0	-	-
80.0	51.0	-	155.8	-	360.5	8.4	0.0	0.0	1.8	0.0	3.5	-	45.2
80.0	52.0	-	286.4	-	109.4	6.3	0.0	3.6	0.0	0.0	3.7	-	27.7
80.0	55.0	-	878.0	-	134.0	2.7	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	1115.5	-	378.8	6.9	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	65.0	-	610.8	-	161.8	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	4464.1	-	96.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	80.0	-	88.4	-	18.2	6.9	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	26.8	-	5.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	100.0	-	4.1	-	-	-	-	-	-	-	-	-	-
82.0	47.0	-	51.1	-	98.2	16.6	0.0	0.0	0.0	0.0	0.0	-	20.8
83.0	40.0	-	11.7	-	0.0	0.0	0.0	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	208.1	-	39.9	20.6	2.7	0.0	0.0	0.0	0.0	-	9.5
83.0	51.0	-	195.4	-	2.9	24.9	0.0	0.0	0.0	0.0	0.0	-	2.9
83.0	55.0	-	179.6	-	29.3	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	84.4	-	144.5	7.4	2.8	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	4.7	-	141.5	10.2	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	70.0	-	16.4	-	78.5	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
83.0	80.0	-	109.7	-	260.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	90.0	-	9.8	-	226.4	0.0	0.0	0.0	0.0	0.0	0.0	-	-
87.0	33.0	-	15.4	-	-	0.0	1.6	0.0	0.0	0.0	0.0	-	3.0
87.0	35.0	-	107.5	-	20.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	40.0	-	147.8	-	41.6	13.2	0.0	0.0	0.0	0.0	0.0	-	3.7
87.0	45.0	-	251.3	-	41.3	0.0	0.0	0.0	0.0	0.0	3.9	-	11.8
87.0	50.0	-	36.1	-	10.8	0.0	2.8	0.0	0.0	0.0	0.0	-	2.1
87.0	55.0	-	202.7	-	147.6	9.9	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	92.9	-	750.3	10.4	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	65.0	-	1159.4	-	121.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	206.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	60.1	-	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	90.0	-	9.0	1293.6	-	10.6	0.0	0.0	0.0	0.0	0.0	-	-
90.0	28.0	-	124.3	2.6	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	9.5	20.6	-	10.3	0.0	0.0	0.0	0.0	0.0	-	6.4
90.0	37.0	-	16.2	82.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	45.0	-	93.4	18.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	50.0	-	72.4	-	-	10.2	-	-	0.0	0.0	-	-	-
90.0	53.0	-	-	178.1	-	-	0.0	0.0	-	-	0.0	-	0.0
90.0	55.0	-	147.6	-	-	6.6	-	-	0.0	0.0	-	-	-
90.0	60.0	-	4408.0	59.3	-	14.7	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	65.0	-	7507.2	63.3	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	70.0	-	3.3	97.2	-	10.5	0.0	0.0	0.0	0.0	-	-	0.0
90.0	80.0	-	0.0	617.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	49.2	-	16.7	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	100.0	-	6.7	-	-	-	-	0.0	-	-	0.0	-	-
93.0	27.0	63.2	133.9	-	-	6.5	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	80.0	56.5	7.2	-	1.5	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	22.9	8.6	16.0	-	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	35.0	15.1	150.1	10.8	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
93.0	40.0	3.1	35.9	11.3	-	1.7	0.0	-	0.0	0.0	0.0	-	0.0
93.0	45.0	3.0	333.6	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	50.0	0.0	568.3	29.0	-	4.6	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	15.1	580.9	60.2	-	7.2	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	60.0	0.0	353.1	85.4	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	658.3	456.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	1997.0	115.2	-	0.0	0.0	-	0.0	0.0	-	-	0.0
93.0	80.0	0.0	140.5	48.2	-	1.9	0.0	0.0	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	186.6	-	0.0	0.0	0.0	-	-	0.0	-	0.0
97.0	29.0	0.0	11.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	7.1	11.9	-	0.0	2.7	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	32.0	35.8	-	92.4	-	-	0.0	0.0	-	-	0.0	-	7.4
97.0	35.0	5.9	24.6	23.4	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0	40.0	0.0	55.2	2.7	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	45.0	0.0	95.4	5.9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	25.8	971.5	143.4	-	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	55.0	0.0	1119.4	15.5	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	60.0	11.6	480.5	9.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	65.0	0.0	151.5	14.3	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	9.5	12.4	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	11.0	33.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	90.0	0.0	0.0	26.2	-	0.0	0.0	0.0	-	-	-	-	-
100.0	29.0	2.3	8.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	70.0	66.9	-	8.6	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	35.0	16.0	120.9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	40.0	46.0	24.9	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	45.0	0.0	161.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	50.0	0.0	74.5	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	55.0	128.2	1887.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	60.0	3.1	11.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	65.0	5.8	0.0	-	0.0	7.7	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	1.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	1.2	15.2	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	35.0	14.5	134.6	-	4.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	62.8	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	45.0	0.0	56.9	-	6.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	50.0	0.0	19.9	-	3.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	55.0	0.0	676.3	-	2.9	0.0	0.0	0.0	0.0	0.0	-	-	0.0
103.0	60.0	0.0	116.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	65.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	2.8	-	0.0	6.2	-	0.0	0.0	0.0	0.0	-	0.0
107.0	32.0	177.7	609.7	-	0.0	16.5	-	0.0	0.0	3.3	0.0	-	0.0
107.0	35.0	32.4	125.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	29.9	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	30.8	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	3.1	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	51.1	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	33.0	-	-	-	3.0	-	-	-	-	-	-	-	-
110.0	35.0	14.8	-	106.2	15.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	75.6	0.0	0.0	-	-	0.0	0.0	0.0	-	0.0
110.0	45.0	0.0	-	49.8	13.8	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	23.9	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	30.0	0.0	-	2.8	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	35.0	0.0	-	0.0	20.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	53.1	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	40.5	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	2.8	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	55.0	0.0	-	9.8	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	3.2	-	-	0.0	0.0	0.0	0.0	-	0.0
117.0	25.0	0.0	-	1.5	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	26.0	0.0	-	33.2	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	30.0	0.0	-	48.2	0.0	27.0	-	5.2	0.0	0.0	0.0	0.0	0.0
117.0	35.0	5.7	-	40.3	4.2	0.0	-	15.4	3.1	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	17.3	10.8	0.0	-	0.0	5.6	0.0	0.0	-	0.0
117.0	55.0	3.2	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	65.0	0.0	-	3.1	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
118.0	39.0	-	-	-	0.0	3.3	-	3.1	0.0	0.0	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	1.9	0.0	0.0	0.0	0.0	0.0
120.0	35.0	0.0	-	6.7	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	45.0	43.4	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
120.0	50.0	6.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	-	0.0	-	0.0
123.0	36.0	0.0	-	-	0.0	1.6	-	0.0	0.0	-	0.0	-	0.0
123.0	40.0	34.5	-	-	-	0.0	-	-	0.0	-	-	0.0	-
123.0	45.0	15.5	-	-	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0
123.0	50.0	15.1	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	34.0	-	13.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	40.0	-	1788.2	-	7.3	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	45.0	-	104.6	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	50.0	-	5.3	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	55.0	-	12.3	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	11.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
127.0	70.0	-	3.3	-	-	0.0	-	0.0	-	-	-	-	-
127.0	75.0	-	3.4	-	-	-	-	-	-	-	-	-	-
130.0	30.0	-	38.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	35.0	-	559.6	-	6.7	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	40.0	-	93.1	-	24.7	10.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	45.0	-	22.1	-	7.1	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	55.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
133.0	23.0	-	0.0	-	29.6	0.0	-	0.0	0.0	-	0.0	-	0.0
133.0	25.0	-	32.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	11.2
133.0	30.0	-	383.5	-	2.9	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	35.0	-	58.5	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
133.0	40.0	-	39.8	-	2.9	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	45.0	-	30.7	-	2.9	0.0	-	0.0	0.0	-	0.0	-	-
133.0	50.0	-	8.4	-	3.9	0.0	-	0.0	0.0	-	0.0	0.0	-
133.0	55.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	-
137.0	22.0	-	1.5	-	13.6	0.0	-	0.0	0.0	-	0.0	-	0.0
137.0	23.0	-	0.0	-	17.0	0.0	-	0.0	0.0	-	0.0	0.0	4.3
137.0	30.0	-	118.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	35.0	-	143.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	23.7
137.0	40.0	-	59.6	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	45.0	-	2.9	-	0.0	0.0	-	-	0.0	-	0.0	-	-
140.0	30.0	-	-	-	-	-	-	-	-	-	-	11.2	-
144.5	23.0	-	-	-	-	-	-	-	-	-	-	8.8	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	6.3	-

TABLE 4. (cont.)

Physiculus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
127.0 40.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0

Macrouridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.9
82.0 47.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
100.0 55.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 100.0	3.0	-	-	-	-	-	0.0	-	-	-	-	-
113.0 65.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	-	0.0

Ophidiiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 50.0	0.0	-	-	8.4	-	0.0	0.0	-	-	0.0	-	0.0
70.0 51.0	0.0	-	-	0.0	-	57.4	0.0	-	-	0.0	-	0.0
70.0 53.0	0.0	-	-	0.0	-	0.0	26.3	-	-	0.0	-	0.0
70.0 60.0	0.0	-	-	0.0	-	0.0	10.6	-	-	-	-	0.0
73.0 50.0	-	0.0	-	0.0	-	0.0	2.9	-	-	0.0	-	0.0
73.0 53.0	-	0.0	-	0.0	-	6.7	3.3	-	-	0.0	-	0.0
77.0 55.0	-	0.0	-	0.0	-	0.0	3.3	-	-	0.0	-	0.0
80.0 51.0	-	0.0	-	0.0	0.0	6.5	0.0	0.0	0.0	0.0	-	0.0
80.0 52.0	-	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	0.0	-	0.0
80.0 55.0	-	0.0	-	0.0	0.0	5.8	0.0	0.0	0.0	0.0	-	0.0
82.0 47.0	-	0.0	-	0.0	2.8	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0 51.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
83.0 55.0	-	0.0	-	0.0	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0 33.0	-	0.0	-	-	0.0	1.6	0.0	0.0	0.0	0.0	-	0.0
87.0 35.0	-	0.0	-	8.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 32.0	-	0.0	0.0	-	10.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 40.0	0.0	0.0	0.0	-	3.2	0.0	-	0.0	0.0	0.0	-	0.0
97.0 30.0	0.0	0.0	-	2.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 40.0	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0
97.0 55.0	0.0	0.0	0.0	-	3.9	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0 29.0	0.0	0.0	-	0.0	0.0	0.0	2.0	0.0	0.0	3.0	-	0.0
100.0 30.0	0.0	0.0	-	0.0	0.0	0.0	2.4	0.0	0.0	0.0	-	0.0
110.0 35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	19.2	0.0	0.0	0.0
113.0 29.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	4.4	0.0	-	0.0
113.0 30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	5.1	0.0	2.8	0.0
113.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	-	0.0
117.0 25.0	0.0	-	0.0	0.0	0.0	-	0.0	2.7	0.0	0.0	-	0.0
117.0 26.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0

TABLE 4. (cont.)

Ophidiiformes (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	9.2	0.0	2.5	0.0	0.0
117.0	40.0	0.0	–	0.0	0.0	0.0	–	3.3	5.6	0.0	0.0	–	0.0
118.0	39.0	–	–	–	0.0	0.0	–	0.0	2.8	3.1	0.0	–	0.0
119.0	33.0	0.0	–	0.0	0.0	0.0	–	0.0	14.6	12.4	3.0	0.0	0.0
120.0	24.0	0.0	–	0.0	0.0	0.0	–	0.0	2.3	0.0	11.0	–	0.0
120.0	25.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	2.8	0.0	31.4	0.0
120.0	30.0	0.0	–	0.0	0.0	0.0	–	2.1	0.0	6.4	5.6	0.0	0.0
120.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	12.5	3.1	12.9	11.1	0.0
120.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	4.1	8.6	4.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	–	9.9	0.0	0.0
127.0	40.0	–	5.1	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0
137.0	22.0	–	0.0	–	0.0	0.0	–	4.2	8.4	–	2.3	–	0.0
137.0	23.0	–	0.0	–	0.0	0.0	–	27.2	8.2	–	0.0	0.0	0.0
137.0	40.0	–	0.0	–	0.0	0.0	–	0.0	3.0	–	0.0	0.0	0.0
137.0	60.0	–	0.0	–	0.0	0.0	–	2.6	0.0	–	0.0	0.0	–
143.0	30.0	–	–	–	–	–	–	–	–	–	–	2.9	–
150.0	19.0	–	–	–	–	–	–	–	–	–	–	11.6	–
150.0	30.0	–	–	–	–	–	–	–	–	–	–	3.1	–

Brosmophycis marginata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	–	–	0.0	–	6.5	0.0	–	–	0.0	–	0.0
67.0	50.0	0.0	–	–	2.9	–	0.0	0.0	–	–	0.0	–	0.0
70.0	51.0	0.0	–	–	0.0	–	3.0	0.0	–	–	0.0	–	0.0
70.0	60.0	0.0	–	–	0.0	–	3.3	0.0	–	–	–	–	0.0
73.0	50.0	–	0.0	–	0.0	–	0.0	2.9	–	–	0.0	–	0.0
80.0	60.0	–	0.0	–	0.0	0.0	0.0	3.3	0.0	0.0	0.0	–	0.0
83.0	43.0	–	0.0	–	0.0	2.9	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	60.0	–	0.0	–	0.0	3.7	0.0	0.0	0.0	0.0	0.0	–	0.0
100.0	29.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0
103.0	29.0	0.0	0.0	–	0.0	0.0	–	0.8	0.0	0.0	0.0	–	0.0
103.0	30.0	0.0	0.0	–	0.0	5.1	–	1.4	0.0	0.0	0.0	–	0.0
107.0	32.0	0.0	0.0	–	3.2	0.0	–	0.0	0.0	0.0	0.0	–	0.0
107.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	3.3	0.0	0.0	0.0	0.0
117.0	40.0	0.0	–	0.0	7.2	0.0	–	0.0	0.0	0.0	0.0	–	0.0
117.0	45.0	0.0	–	0.0	3.3	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0
118.0	39.0	–	–	–	0.0	0.0	–	0.0	0.0	3.1	0.0	–	0.0

Chilara taylori

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	70.0	0.0	–	–	0.0	–	0.0	0.0	–	–	3.3	–	0.0
63.0	52.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.4

TABLE 4. (cont.)

Chilara taylori (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	51.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.8
77.0	48.0	0.0	–	–	0.0	–	0.0	0.0	–	–	4.4	–	0.0
77.0	51.0	0.0	–	–	0.0	–	0.0	0.0	–	–	3.3	–	0.0
80.0	51.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	6.5	0.0	–	0.0
80.0	52.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	40.9	0.0	–	0.0
80.0	65.0	–	0.0	–	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0
82.0	47.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	6.4	0.0	–	0.0
83.0	40.0	–	0.0	–	0.0	0.0	0.0	–	0.0	0.0	5.2	–	0.0
83.0	43.0	–	0.0	–	0.0	0.0	0.0	0.0	9.7	0.0	3.1	–	0.0
83.0	51.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	2.7	3.5	–	0.0
83.0	60.0	–	0.0	–	0.0	0.0	0.0	3.3	0.0	0.0	0.0	–	0.0
83.0	65.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.2	0.0	–	0.0
83.0	90.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.1	0.0	–	–
87.0	35.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	2.5
87.0	45.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	7.8	–	3.0
87.0	50.0	–	0.0	–	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0
90.0	37.0	–	0.0	0.0	–	0.0	0.0	0.0	3.5	0.0	0.0	–	0.0
90.0	60.0	–	0.0	0.0	–	0.0	0.0	6.2	0.0	0.0	0.0	–	0.0
93.0	60.0	0.0	0.0	0.0	–	0.0	0.0	6.4	0.0	0.0	0.0	–	0.0
97.0	29.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0
97.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	0.0	6.6	0.0	0.0	0.0
97.0	40.0	0.0	0.0	0.0	–	0.0	0.0	3.6	0.0	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
103.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0	3.9	0.0	0.0
103.0	45.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.6
103.0	50.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	3.1	0.0	–	0.0
107.0	31.0	0.0	0.0	–	0.0	0.0	–	0.0	4.0	12.7	4.6	–	0.0
107.0	32.0	3.3	0.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
107.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	3.3	0.0	5.1	0.0	0.0
110.0	32.0	0.0	–	0.0	0.0	0.0	–	0.0	4.0	0.0	0.0	–	0.0
110.0	40.0	0.0	–	0.0	0.0	0.0	–	–	3.2	0.0	0.0	–	0.0
110.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	6.4	5.8	0.0
113.0	45.0	0.0	–	0.0	0.0	0.0	–	2.8	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	3.2	0.0	0.0	–	0.0
113.0	65.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	0.0	–	0.0
117.0	30.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	6.1	0.0	0.0
117.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	3.1	0.0	0.0	0.0	0.0
117.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.5	0.0	–	2.5
118.0	39.0	–	–	–	0.0	0.0	–	0.0	0.0	6.2	0.0	–	0.0
119.0	33.0	0.0	–	0.0	0.0	0.0	–	0.0	2.9	0.0	0.0	0.0	0.0
120.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	0.0
123.0	36.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	1.9	–	0.0
123.0	37.0	–	0.0	–	0.0	0.0	–	0.0	3.0	–	0.0	0.0	0.0
127.0	65.0	–	2.6	–	–	0.0	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Ophidion scrippsae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	-	0.0	-	0.0	0.0	0.0	-	1.2	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	0.0	0.0	6.5	3.3	0.0	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	3.5	8.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	0.0	2.5	2.9	2.6	2.9	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	0.0	0.0	3.4	0.0	0.0	-	0.0
87.0	45.0	-	3.9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	2.8	0.0	162.8	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	6.4	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	3.3	0.0	0.0	0.0	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	1.3	0.0	0.0	-	0.0
113.0	29.0	0.0	-	0.0	0.0	0.0	-	0.0	1.2	0.0	0.0	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.4	2.7	0.0	2.2
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.5
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	7.6	3.1	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	5.2	0.0	0.0	0.0	0.0	0.0
118.0	39.0	-	-	-	0.0	0.0	-	0.0	2.8	3.1	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	9.3	5.8	3.1	0.0	0.0	0.0
120.0	24.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.7	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	2.7	2.8	7.9	62.9	5.1
120.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	3.2	2.8	0.0	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	12.5	9.2	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	14.4	8.6	4.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	13.2	0.0	0.0
123.0	36.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	1.9	-	0.0
123.0	37.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0
123.0	42.0	-	-	-	0.0	-	-	0.0	-	-	3.1	-	0.0
125.0	35.5	-	-	-	-	-	-	-	-	-	-	2.8	-
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	5.5	0.0	0.0
127.0	45.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	6.9	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	17.8	-	2.7	0.0	0.0
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	84.3	-	4.7	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	10.1	0.0	0.0
137.0	22.0	-	0.0	-	0.0	0.0	-	6.3	5.6	-	0.0	-	2.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	16.3	-	0.0	2.8	6.4
147.0	20.0	-	-	-	-	-	-	-	-	-	-	3.2	-

Porichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6

TABLE 4. (cont.)

Ceratioidei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 90.0	0.0	-	-	-	-	0.0	0.0	-	-	3.3	-	0.0
83.0 90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	6.6	-	-
90.0 120.0	-	-	-	-	-	-	-	-	-	2.8	-	0.0
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	3.0
90.0 140.0	-	-	-	-	-	-	-	-	-	-	-	3.1
93.0 100.0	-	-	-	-	0.0	-	-	-	-	6.1	-	0.0
93.0 120.0	-	-	-	-	-	-	-	-	-	3.1	-	3.2
94.0 139.0	-	-	-	-	-	-	-	-	-	-	-	3.0
97.0 50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
97.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0 60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	5.9	6.5	-	0.0
100.0 65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	2.9	-	0.0
103.0 70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
107.0 35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0
107.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
107.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0 45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.6	0.0	0.0	0.0
110.0 60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.0	0.0	-	0.0
110.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
113.0 50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
113.0 60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0	6.5	-	0.0
113.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	14.7	0.0	3.0	-	0.0
113.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	10.0	0.0	0.0	-	0.0
117.0 50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.8	-	0.0
117.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.8
117.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
120.0 55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6
120.0 65.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.7
120.0 70.0	0.0	-	-	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0
123.0 50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	6.0	0.0	0.0
123.0 55.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	6.2	-	3.1
127.0 50.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
130.0 50.0	-	0.0	-	0.0	0.0	-	0.0	9.6	-	0.0	0.0	0.0
133.0 45.0	-	0.0	-	0.0	0.0	-	0.0	3.3	-	0.0	-	-
137.0 40.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	0.0	0.0
137.0 55.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	-

Gobiesocidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0 30.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	36.5	-	0.0
103.0 29.0	0.0	0.0	-	0.0	0.0	-	0.0	6.3	13.2	1.6	-	0.0
103.0 30.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0

TABLE 4. (cont.)

Gobiesocidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	31.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.5	2.3	-	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	1.2	-	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	1.7	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.6	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	6.0	-	0.0

Exocoetidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	48.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	3.8
77.0	51.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	5.8
97.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	1.5	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	6.3	0.0	0.0	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	6.0	3.2	-	0.0	-	0.0
127.0	65.0	-	0.0	-	-	0.0	-	2.8	-	-	-	-	-
137.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
137.0	40.0	-	0.0	-	0.0	0.0	-	0.0	6.0	-	0.0	0.0	0.0

Cololabis saira

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	-	0.0	-	0.0	9.6	-	-	0.0	-	0.0
80.0	65.0	-	0.0	-	2.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.9	0.0	-	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	2.8	3.3	0.0	0.0	0.0	-	0.0
87.0	60.0	-	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	0.0	2.6	0.0	0.0	0.0	0.0	-	-
90.0	32.0	-	0.0	0.0	-	0.0	0.0	0.0	3.8	0.0	0.0	-	0.0
90.0	80.0	-	3.0	0.0	-	0.0	0.0	5.6	0.0	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	14.2	0.0	0.0	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	0.0	-	1.8	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	0.0	-	1.9	0.0	0.0	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	0.0	0.0	3.0	-	-	0.0	-	0.0
97.0	55.0	0.0	0.0	0.0	-	0.0	39.5	0.0	0.0	0.0	0.0	-	0.0
97.0	60.0	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	2.1	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	0.0	0.0	3.6	0.0	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	4.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	0.0	2.5	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Cololabis saira (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	55.0	0.0	–	0.0	0.0	3.5	–	0.0	0.0	3.2	0.0	–	0.0
110.0	60.0	0.0	–	0.0	0.0	0.0	–	3.0	0.0	0.0	0.0	–	0.0
113.0	35.0	0.0	–	0.0	0.0	2.8	–	3.3	0.0	0.0	0.0	0.0	0.0
117.0	80.0	2.4	–	–	0.0	0.0	–	0.0	–	–	–	–	0.0
120.0	45.0	0.0	–	0.0	0.0	0.0	–	3.3	0.0	–	0.0	0.0	0.0

Atherinidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	52.0	2.2	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.4
67.0	50.0	2.8	–	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
70.0	51.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.8
77.0	48.0	1.8	–	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
82.0	47.0	–	0.0	–	3.1	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	40.0	–	0.0	–	0.0	0.9	0.0	–	0.0	0.0	0.0	–	0.0
110.0	32.0	0.0	–	2.1	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
113.0	29.0	0.0	–	1.7	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
120.0	24.0	0.0	–	1.3	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
120.0	30.0	0.0	–	2.9	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0

Trachipteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	–	–	0.0	–	0.0	0.0	–	–	3.1	–	0.0
60.0	70.0	0.0	–	–	0.0	–	0.0	0.0	–	–	3.3	–	0.0
60.0	80.0	2.8	–	–	–	–	0.0	0.0	–	–	0.0	–	0.0
63.0	52.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.4
63.0	55.0	0.0	–	–	0.0	–	0.0	3.8	–	–	0.0	–	0.0
63.0	70.0	–	–	–	0.0	–	0.0	0.0	–	–	–	–	6.1
67.0	50.0	0.0	–	–	0.0	–	0.0	0.0	–	–	2.9	–	0.0
67.0	65.0	–	–	–	0.0	–	3.2	–	–	–	–	–	–
67.0	70.0	–	–	–	0.0	–	0.0	3.0	–	–	0.0	–	0.0
70.0	65.0	0.0	–	–	2.9	–	0.0	–	–	–	–	–	–
70.0	70.0	0.0	–	–	2.5	–	0.0	0.0	–	–	0.0	–	0.0
70.0	90.0	0.0	–	–	–	–	3.0	0.0	–	–	0.0	–	3.1
73.0	53.0	–	0.0	–	0.0	–	0.0	0.0	–	–	0.0	–	3.0
73.0	70.0	–	–	–	0.0	–	0.0	10.9	–	–	0.0	–	3.1
73.0	80.0	–	–	–	2.8	–	3.1	0.0	–	–	0.0	–	–
77.0	65.0	–	–	–	0.0	–	3.0	–	–	–	–	–	–
77.0	70.0	–	–	–	0.0	–	0.0	3.4	–	–	0.0	–	5.9
77.0	80.0	0.0	–	–	5.7	–	0.0	0.0	–	–	0.0	–	–
77.0	90.0	0.0	–	–	2.8	–	3.1	0.0	–	–	0.0	–	–
80.0	60.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.2	0.0	–	0.0
80.0	65.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.1	0.0	–	0.0

TABLE 4. (cont.)

Trachipteridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	80.0	-	0.0	-	3.0	0.0	2.8	0.0	0.0	3.2	0.0	-	0.0
80.0	90.0	-	1.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
83.0	60.0	-	1.5	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
83.0	80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	3.1	0.0	-	-
87.0	60.0	-	0.0	-	4.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	5.9
87.0	90.0	-	0.0	0.0	-	0.0	2.6	0.0	0.0	0.0	0.0	-	-
90.0	45.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
90.0	53.0	-	-	0.0	-	-	2.9	0.0	-	-	0.0	-	0.0
90.0	70.0	-	0.0	3.5	-	0.0	3.3	0.0	3.1	0.0	-	-	0.0
90.0	80.0	-	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
93.0	50.0	0.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	2.5	-	0.0	0.0	0.0	0.0	0.0	2.9	-	3.2
93.0	60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.3
93.0	65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
93.0	80.0	0.0	0.0	0.0	-	0.0	3.1	0.0	3.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	1.8	0.0	0.0	-	-	0.0	-	0.0
94.0	139.0	-	-	-	-	-	-	-	-	-	-	-	3.0
97.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
97.0	70.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.3	-	0.0
97.0	80.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	3.9	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	3.1	-	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.8
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	3.2	0.0	0.0	-	0.0
110.0	41.0	-	-	-	-	-	-	2.6	-	-	-	-	-
110.0	50.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	-	3.0
110.0	55.0	2.8	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	60.0	0.0	-	0.0	3.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0
120.0	70.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.0

Melamphaes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	-	-	11.8	-	0.0	-	-	-	-	-	-
60.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.3	-	0.0
60.0	80.0	2.8	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	7.4	0.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	-	-	3.2	-	0.0	0.0	-	-	0.0	-	0.0
63.0	65.0	-	-	-	8.8	-	0.0	-	-	-	-	-	-
63.0	70.0	-	-	-	11.1	-	0.0	6.4	-	-	-	-	3.1
67.0	55.0	0.0	-	-	0.0	-	15.3	0.0	-	-	0.0	-	0.0
67.0	65.0	-	-	-	0.0	-	3.2	-	-	-	-	-	-
67.0	70.0	-	-	-	5.9	-	0.0	3.0	-	-	0.0	-	0.0
67.0	80.0	-	-	-	13.9	-	3.3	3.3	-	-	0.0	-	-
67.0	90.0	-	-	-	-	-	3.2	0.0	-	-	0.0	-	-
70.0	60.0	0.0	-	-	3.1	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	0.0	-	-	0.0	-	3.2	-	-	-	-	-	-
70.0	70.0	0.0	-	-	2.5	-	3.2	3.1	-	-	0.0	-	0.0
70.0	80.0	3.6	-	-	9.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	3.0	3.4	-	-	0.0	-	3.1
70.0	100.0	5.1	-	-	-	-	-	-	-	-	-	-	-
73.0	50.0	-	0.0	-	10.7	-	0.0	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	19.6	-	3.2	0.0	-	-	0.0	-	0.0
73.0	80.0	-	-	-	13.9	-	0.0	0.0	-	-	0.0	-	-
73.0	90.0	-	-	-	5.7	-	6.6	0.0	-	-	-	-	-
77.0	55.0	-	0.0	-	2.5	-	3.5	0.0	-	-	0.0	-	0.0
77.0	60.0	-	0.0	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	8.0	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	-	8.2	-	0.0	0.0	-	-	0.0	-	0.0
77.0	80.0	0.0	-	-	14.2	-	0.0	6.8	-	-	0.0	-	-
77.0	90.0	3.4	-	-	2.8	-	0.0	0.0	-	-	0.0	-	-
80.0	51.0	-	0.0	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	55.0	-	0.0	-	3.3	5.3	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	1.7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	65.0	-	0.0	-	7.1	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
80.0	70.0	-	1.9	-	5.4	0.0	0.0	0.0	3.5	3.2	0.0	-	0.0
80.0	80.0	-	4.4	-	9.1	6.9	5.5	0.0	0.0	3.2	0.0	-	0.0
80.0	90.0	-	6.5	-	0.0	3.1	6.0	3.2	0.0	3.2	4.4	-	0.0
80.0	100.0	-	4.2	-	-	-	-	-	-	-	-	-	-
83.0	60.0	-	1.6	-	6.0	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	1.7	-	0.0	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	70.0	-	1.6	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	80.0	-	1.6	-	13.0	0.0	3.0	0.0	3.0	0.0	0.0	-	0.0
83.0	90.0	-	9.7	-	2.9	3.4	0.0	3.2	0.0	0.0	0.0	-	-
87.0	55.0	-	0.0	-	0.0	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	11.9	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	3.5	9.4	5.7	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	3.4	-	0.0	6.0	9.1	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	13.4	-	0.0	2.5	5.9	0.0	0.0	0.0	-	0.0
87.0	90.0	-	6.0	12.8	-	7.1	2.6	0.0	0.0	0.0	0.0	-	-
90.0	37.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
90.0	50.0	-	0.0	-	-	0.0	-	-	3.2	0.0	-	-	-

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	-	-	5.8	-	-	0.0	0.0	-	-	0.0	-	0.0
90.0	55.0	-	0.0	-	-	3.3	-	-	0.0	0.0	-	-	-
90.0	60.0	-	0.0	6.2	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
90.0	65.0	-	0.0	3.3	-	0.0	8.0	0.0	0.0	3.3	0.0	-	0.0
90.0	70.0	-	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	-	-	0.0
90.0	80.0	-	3.0	13.3	-	14.0	2.8	0.0	0.0	0.0	0.0	-	3.0
90.0	90.0	-	0.0	2.5	-	6.7	11.6	6.0	0.0	0.0	2.9	-	0.0
90.0	97.0	-	-	-	-	-	-	-	-	-	-	-	2.5
90.0	100.0	-	0.0	-	-	-	-	2.9	-	-	0.0	-	-
90.0	120.0	-	-	-	-	-	-	-	-	-	5.7	-	0.0
93.0	28.0	0.0	0.0	0.0	-	0.0	0.0	0.0	4.0	0.0	0.0	-	0.0
93.0	45.0	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	3.0	0.0	-	0.0
93.0	60.0	0.0	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	0.0	6.3	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	3.3	2.7	-	0.0	2.8	-	0.0	0.0	-	-	0.0
93.0	80.0	0.0	0.0	9.0	-	7.1	3.1	3.2	0.0	3.2	-	-	3.3
93.0	90.0	0.0	0.0	3.0	-	7.7	2.8	3.0	-	-	6.1	-	2.6
93.0	100.0	-	-	-	-	6.8	-	-	-	-	0.0	-	0.0
94.0	78.0	-	-	-	-	-	-	-	-	-	2.8	-	-
97.0	32.0	0.0	-	0.0	-	-	0.0	6.8	-	-	0.0	-	0.0
97.0	35.0	0.0	0.0	2.9	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8
97.0	45.0	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	0.0	0.0	2.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	0.0	-	7.8	0.0	0.0	0.0	6.0	0.0	-	0.0
97.0	60.0	0.0	0.0	6.2	-	0.0	0.0	0.0	0.0	3.3	3.3	-	0.0
97.0	65.0	0.0	0.0	5.7	-	0.0	3.0	0.0	2.9	0.0	0.0	-	0.0
97.0	70.0	3.0	0.0	6.2	-	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	0.0	9.9	-	0.0	0.0	0.0	0.0	2.9	2.2	-	2.7
97.0	90.0	0.0	0.0	11.6	-	6.8	0.0	0.0	-	-	-	-	-
100.0	35.0	0.0	0.0	-	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	8.6	3.0	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	0.0	3.3	6.8	0.0	0.0	0.0	-	0.0
100.0	55.0	0.0	0.0	-	0.0	0.0	3.3	0.0	3.1	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	0.0	-	0.0
100.0	65.0	5.8	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	2.9	-	0.0
100.0	70.0	0.0	0.0	-	3.3	7.4	0.0	3.6	0.0	0.0	3.5	-	0.0
100.0	80.0	0.0	0.0	-	3.6	3.5	3.2	0.0	-	-	0.0	-	2.8
100.0	90.0	0.0	-	-	17.4	6.8	0.0	0.0	-	-	-	-	-
103.0	35.0	0.0	0.0	-	0.0	6.6	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	0.0	-	7.0	3.1	-	0.0	0.0	6.5	0.0	-	0.0
103.0	45.0	0.0	0.0	-	6.1	3.7	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	50.0	0.0	0.0	-	0.0	3.2	3.4	0.0	0.0	0.0	0.0	-	0.0
103.0	55.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	-	0.0
103.0	60.0	0.0	0.0	-	0.0	9.8	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	65.0	3.0	0.0	-	0.0	6.2	0.0	0.0	0.0	0.0	0.0	-	5.1

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	70.0	0.0	0.0	-	3.0	0.0	3.2	3.0	0.0	3.1	0.0	-	0.0
103.0	80.0	0.0	3.2	-	3.6	0.0	0.0	0.0	-	-	-	-	2.7
103.0	90.0	-	-	-	6.5	0.0	0.0	-	-	-	-	-	-
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	2.9	0.0	0.0	0.0
107.0	45.0	0.0	2.8	-	7.3	6.6	-	2.8	0.0	0.0	0.0	3.0	0.0
107.0	50.0	0.0	0.0	-	10.1	3.6	-	6.0	0.0	0.0	0.0	-	0.0
107.0	55.0	0.0	2.9	-	11.0	10.2	-	0.0	5.4	0.0	0.0	-	0.0
107.0	60.0	3.0	0.0	-	0.0	6.6	-	0.0	0.0	0.0	0.0	-	2.8
107.0	65.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	0.0
107.0	70.0	0.0	-	0.0	0.0	3.2	-	0.0	11.6	0.0	6.6	-	0.0
107.0	80.0	0.0	-	0.0	0.0	0.0	-	3.2	-	-	-	-	0.0
110.0	35.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	3.8	0.0	-	-	0.0	0.0	6.8	-	0.0
110.0	45.0	2.7	-	0.0	3.4	0.0	-	3.2	0.0	0.0	3.2	0.0	0.0
110.0	50.0	5.9	-	0.0	3.2	3.5	-	2.6	2.8	0.0	0.0	-	0.0
110.0	55.0	0.0	-	6.5	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	65.0	2.8	-	0.0	0.0	3.2	-	0.0	3.2	0.0	0.0	-	2.8
110.0	70.0	0.0	-	0.0	3.6	3.1	-	0.0	9.0	3.1	6.8	-	0.0
110.0	90.0	2.8	-	-	3.9	3.2	-	-	-	-	-	-	-
113.0	35.0	0.0	-	0.0	4.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	6.3	0.0	-	0.0	0.0	0.0	8.7	0.0	2.5
113.0	50.0	0.0	-	0.0	0.0	3.3	-	3.2	3.2	0.0	0.0	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	3.1	2.7	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	3.1	0.0	-	0.0	3.7	0.0	3.0	-	0.0
113.0	70.0	3.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	8.4	-	0.0
113.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	2.8
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0
117.0	50.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	9.7	0.0	0.0	3.2	-	0.0
117.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	8.8
117.0	65.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.2
117.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	2.8
120.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.8
120.0	50.0	0.0	-	0.0	0.0	3.0	-	0.0	0.0	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	3.5	-	5.2	0.0	-	0.0	-	0.0
120.0	60.0	2.6	-	0.0	3.6	0.0	-	0.0	6.5	-	-	-	3.1
120.0	65.0	0.0	-	-	3.7	0.0	-	0.0	0.0	-	0.0	-	2.7
120.0	70.0	0.0	-	-	2.8	0.0	-	0.0	0.0	-	0.0	-	3.0
120.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	5.7
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	45.0	0.0	-	-	0.0	0.0	-	3.0	0.0	-	2.7	-	0.0
123.0	55.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	6.2

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	60.0	0.0	–	–	0.0	0.0	–	0.0	3.2	–	0.0	0.0	2.7
127.0	40.0	–	0.0	–	0.0	0.0	–	0.0	3.0	–	0.0	0.0	0.0
127.0	45.0	–	0.0	–	0.0	0.0	–	0.0	5.2	–	0.0	–	0.0
127.0	55.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	9.4	–	0.0
127.0	70.0	–	0.0	–	–	0.0	–	3.0	–	–	–	–	–
127.0	80.0	–	0.0	–	–	–	–	2.7	–	–	–	–	–
130.0	35.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0	0.0	0.0
130.0	50.0	–	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0	0.0	0.0
130.0	55.0	–	0.0	–	0.0	0.0	–	2.9	0.0	–	0.0	–	0.0
130.0	60.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	5.6	0.0	0.0
130.0	65.0	–	–	–	–	3.6	–	0.0	–	–	–	–	–
130.0	70.0	–	3.2	–	–	3.3	–	2.7	–	–	–	–	–
130.0	80.0	–	0.0	–	–	–	–	2.7	–	–	–	–	–
133.0	30.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0	0.0	0.0
133.0	35.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	3.0	–	0.0
133.0	45.0	–	0.0	–	0.0	0.0	–	0.0	3.3	–	0.0	–	–
133.0	50.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.7	0.0	–
133.0	55.0	–	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0	–	–
133.0	60.0	–	0.0	–	2.9	7.0	–	0.0	2.8	–	0.0	0.0	–
137.0	35.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	2.6
137.0	40.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	5.2	3.2	0.0
137.0	50.0	–	0.0	–	3.6	0.0	–	2.9	0.0	–	0.0	0.0	–
137.0	55.0	–	0.0	–	3.8	0.0	–	0.0	3.1	–	0.0	–	–
137.0	60.0	–	3.0	–	0.0	0.0	–	0.0	3.1	–	0.0	3.0	–
153.0	30.0	–	–	–	–	–	–	–	–	–	–	3.0	–

Poromitra spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	–	–	–	0.0	–	2.9	0.0	–	–	–	–	0.0
63.0	90.0	–	–	–	–	–	0.0	6.4	–	–	0.0	–	–
67.0	80.0	–	–	–	0.0	–	0.0	3.3	–	–	0.0	–	–
70.0	70.0	0.0	–	–	0.0	–	0.0	6.2	–	–	0.0	–	0.0
80.0	70.0	–	0.0	–	0.0	0.0	0.0	3.6	0.0	0.0	0.0	–	0.0
80.0	80.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.2	0.0	–	0.0
83.0	80.0	–	0.0	–	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0
83.0	90.0	–	0.0	–	0.0	0.0	0.0	0.0	3.1	0.0	3.3	–	–
90.0	60.0	–	0.0	0.0	–	0.0	2.9	3.1	0.0	0.0	0.0	–	0.0
90.0	90.0	–	0.0	2.5	–	3.3	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0	120.0	–	–	–	–	–	–	–	–	–	2.8	–	0.0
93.0	40.0	0.0	3.3	0.0	–	0.0	0.0	–	0.0	0.0	0.0	–	0.0
93.0	80.0	0.0	0.0	3.0	–	0.0	0.0	0.0	0.0	0.0	–	–	0.0
94.0	139.0	–	–	–	–	–	–	–	–	–	–	–	3.0
97.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.3	0.0	–	0.0
97.0	80.0	0.0	0.0	0.0	–	6.8	2.9	0.0	0.0	0.0	0.0	–	0.0

TABLE 4. (cont.)

Poromitra spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	90.0	2.6	0.0	0.0	-	0.0	3.0	0.0	-	-	-	-	-
100.0	60.0	0.0	0.0	-	7.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	3.3	0.0	0.0	3.6	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	0.0	3.5	0.0	0.0	-	-	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	3.4	0.0	0.0	0.0	0.0	-	0.0
103.0	65.0	0.0	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	70.0	5.9	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	80.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	-	-	-	0.0
107.0	60.0	0.0	3.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	7.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	40.0	0.0	-	0.0	0.0	6.7	-	-	0.0	0.0	0.0	-	0.0
110.0	45.0	0.0	-	0.0	6.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	3.5	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	65.0	0.0	-	0.0	3.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	35.0	0.0	-	0.0	0.0	2.8	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	-	0.0
117.0	65.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.1
123.0	50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	3.0	0.0	0.0
127.0	45.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
130.0	90.0	-	0.0	-	-	-	-	2.6	-	-	-	-	-
137.0	55.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	-

Scopelogadus bispinosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.2	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.3
90.0	60.0	-	0.0	0.0	-	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	3.2	0.0	-	0.0
93.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
93.0	80.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	6.5
93.0	90.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	-	5.3
93.0	100.0	-	-	-	-	0.0	-	-	-	-	15.3	-	0.0
93.0	120.0	-	-	-	-	-	-	-	-	-	3.1	-	3.2
94.0	139.0	-	-	-	-	-	-	-	-	-	-	-	3.0
97.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0
97.0	80.0	0.0	0.0	0.0	-	0.0	8.7	8.6	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Scopelogadus bispinosus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	5.7	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
100.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	3.1	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
100.0	70.0	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	3.6	0.0	6.5	0.0	-	-	0.0	-	0.0
100.0	90.0	0.0	-	-	3.5	0.0	0.0	0.0	-	-	-	-	-
103.0	40.0	0.0	6.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	0.0	3.5	0.0	0.0	0.0	-	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	3.2	2.5	0.0	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	0.0	0.0	5.9	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	3.3	-	11.0	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	1.9
107.0	55.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	0.0	0.0	-	3.0	0.0	9.1	0.0	-	0.0
107.0	70.0	3.0	-	0.0	0.0	0.0	-	0.0	0.0	6.2	0.0	-	0.0
110.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.5	0.0	-	0.0
110.0	60.0	0.0	-	0.0	3.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	7.1	-	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	3.3	0.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	-	0.0
113.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.0	5.6	-	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	-	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.8
120.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	-	-	-	0.0
120.0	70.0	0.0	-	-	0.0	0.0	-	0.0	5.8	-	0.0	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.7	-	0.0
123.0	50.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	9.0	0.0	0.0
123.0	55.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	3.1	-	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.9	3.2	0.0
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
147.0	60.0	-	-	-	-	-	-	-	-	-	-	6.1	-

Macroramphosus gracilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	9.2	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	5.8	0.0	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0	3.2	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.8	0.0	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.7

TABLE 4. (cont.)

Macroramphosus gracilis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	50.0	-	2.6	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0

Syngnathus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	58.0	-	-	-	-	-	-	-	-	-	3.2	-	-
77.0	51.0	3.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	2.1	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.1
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.7	-	0.0
80.0	60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	0.0	-	0.0
87.0	33.0	-	1.7	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	6.6
90.0	45.0	-	0.0	0.0	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	1.9
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.2	0.0	-	0.0
113.0	30.0	2.1	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0

Agonidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	-	-	2.4	-	0.0	0.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	3.2	-	0.0	0.0	-	-	0.0	-	0.0
67.0	48.0	0.0	-	-	0.0	-	0.0	-	-	-	0.0	-	2.5
70.0	51.0	3.1	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	53.0	3.4	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
73.0	50.0	-	2.3	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	2.8	3.1	0.0	0.0	0.0	-	0.0
83.0	51.0	-	4.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	55.0	-	0.0	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	40.0	-	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	0.0	2.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	9.6	1.6	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	2.8	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	5.1	-	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	14.3	0.0	-	7.3	0.0	0.0	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Cottidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	7.9	-	-	2.5	-	3.2	0.0	-	-	0.0	-	0.0
60.0	55.0	42.3	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	60.0	5.9	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
63.0	50.0	0.0	-	-	0.0	-	4.8	0.0	-	-	0.0	-	0.0
63.0	52.0	0.0	-	-	4.8	-	0.0	0.0	-	-	0.0	-	2.4
67.0	48.0	0.0	-	-	0.0	-	2.9	-	-	-	0.0	-	0.0
67.0	50.0	0.0	-	-	8.7	-	7.0	0.0	-	-	0.0	-	0.0
70.0	51.0	0.0	-	-	0.0	-	9.1	0.0	-	-	0.0	-	0.0
73.0	50.0	-	0.0	-	0.0	-	2.7	0.0	-	-	0.0	-	0.0
77.0	48.0	25.5	-	-	0.0	-	0.0	4.4	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	5.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	51.0	-	14.4	-	0.0	6.2	2.7	0.0	0.0	2.7	7.1	-	0.0
87.0	33.0	-	0.0	-	-	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
87.0	50.0	-	2.3	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
97.0	30.0	0.0	0.0	-	15.1	5.3	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	0.0	-	1.6	1.6	5.7	0.0	-	0.0
107.0	31.0	0.0	1.4	-	0.0	4.1	-	0.0	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	0.0	5.2	1.4	-	3.6	0.0	0.0	0.0	-	0.0
110.0	33.0	-	-	-	3.0	-	-	-	-	-	-	-	-
113.0	30.0	0.0	-	0.0	0.0	2.3	-	2.2	0.0	0.0	0.0	0.0	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	2.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0

Scorpaenichthys marmoratus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	5.6	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
63.0	52.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	4.9
67.0	55.0	5.7	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	3.0	-	0.0	0.0	-	-	-	-	0.0
73.0	50.0	-	0.0	-	2.7	-	0.0	0.0	-	-	26.7	-	0.0
77.0	48.0	0.0	-	-	1.0	-	0.0	0.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	5.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	0.0	-	6.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	1.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	2.6	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	30.0	2.1	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	5.1	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Cyclopteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	-	-	2.5	-	0.0	3.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	3.7	0.0	-	-	0.0	-	0.0
67.0	48.0	0.0	-	-	0.0	-	2.9	-	-	-	0.0	-	0.0
70.0	51.0	0.0	-	-	0.0	-	3.0	0.0	-	-	0.0	-	0.0
77.0	48.0	0.0	-	-	0.0	-	0.0	0.0	-	-	4.4	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	0.0	0.0	3.6	0.0	0.0	-	0.0
97.0	29.0	0.0	1.9	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	1.9	0.0	-	0.0
107.0	31.0	0.0	0.0	-	0.0	2.0	-	1.5	2.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	0.0	0.0	1.4	-	0.0	0.0	0.0	0.0	-	0.0

Hexagrammidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	48.0	9.1	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0

Ophiodon elongatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	2.8	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0

Oxylebius pictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	51.0	-	0.0	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	0.0	-	6.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	51.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	2.8	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	1.1	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	1.4	0.0	0.0	0.0	-	0.0

Zaniolepis spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	-	-	0.0	-	0.0	0.0	-	-	2.3	-	0.0
70.0	51.0	3.1	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.9	0.0	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	6.4
83.0	51.0	-	9.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9
87.0	33.0	-	0.0	-	-	0.0	0.0	2.5	0.0	0.0	2.9	-	0.0
87.0	40.0	-	1.7	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.7
87.0	50.0	-	1.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	4.1

TABLE 4. (cont.)

Zaniolepis spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	-	0.0	5.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	-	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	2.9	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
100.0	30.0	2.8	0.0	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	1.4	-	2.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	25.0	0.0	-	0.0	0.0	1.8	-	0.0	0.0	0.0	0.0	-	0.0
117.0	35.0	0.0	-	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	24.0	1.3	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
120.0	30.0	0.0	-	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
127.0	34.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0	0.0	0.0

Scorpaenidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0

Scorpaena spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	1.4	0.0	12.4	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	0.8	0.0	0.0	0.0	0.0	0.0
107.0	31.0	0.0	0.0	-	0.0	0.0	-	0.0	2.0	2.5	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	2.6	0.0	0.0	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	6.4	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	0.0	5.6	0.0	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	19.1	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	2.5	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	19.7	0.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	18.4	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	2.8	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	6.2	0.0	0.0	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	6.2	9.7	0.0	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	51.3	2.9	0.0	-	0.0
117.0	65.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	12.0	6.3	-	0.0

TABLE 4. (cont.)

Scorpaena spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
118.0	39.0	-	-	-	0.0	0.0	-	0.0	2.8	9.3	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	2.1	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	3.3	20.0	-	0.0	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	3.2	8.6	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	35.2	-	0.0	-	0.0
120.0	60.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	-	-	-	0.0
120.0	80.0	0.0	-	-	0.0	0.0	-	2.9	-	-	-	-	0.0
123.0	37.0	-	0.0	-	0.0	0.0	-	1.8	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	12.8	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	0.0	-	-	3.1	-	0.0
123.0	45.0	0.0	-	-	0.0	0.0	-	0.0	16.0	-	0.0	-	0.0
127.0	40.0	-	0.0	-	0.0	0.0	-	3.0	62.0	-	0.0	0.0	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0	0.0	0.0
127.0	60.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	0.0	0.0
127.0	65.0	-	0.0	-	-	0.0	-	2.8	-	-	-	-	-
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	5.1	-	0.0	0.0	0.0
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	9.2	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	0.0	0.0	-	2.3	0.0	-	0.0	0.0	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	0.0	6.3	-	0.0	2.9	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	7.0	-	0.0	-	0.0
133.0	50.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0	0.0	-
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.1	8.4	0.0
137.0	55.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	-	-
137.0	60.0	-	0.0	-	0.0	0.0	-	2.6	0.0	-	0.0	0.0	-

Sebastes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	47.5	-	-	8.4	-	2.7	0.0	-	-	0.0	-	0.0
60.0	52.0	71.0	-	-	15.3	-	0.0	3.0	-	-	0.0	-	0.0
60.0	55.0	1150.6	-	-	4.7	-	47.9	59.7	-	-	71.5	-	150.5
60.0	60.0	70.8	-	-	0.0	-	8.5	118.0	-	-	34.4	-	2.7
60.0	65.0	0.0	-	-	23.7	-	32.3	-	-	-	-	-	-
60.0	70.0	2.8	-	-	12.0	-	16.5	60.8	-	-	0.0	-	47.5
60.0	80.0	13.9	-	-	-	-	23.9	3.2	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	3.7	72.0	-	-	0.0	-	0.0
60.0	100.0	3.3	-	-	-	-	-	-	-	-	-	-	-
63.0	50.0	44.4	-	-	2.2	-	3.6	0.0	-	-	0.0	-	0.0
63.0	52.0	378.4	-	-	66.9	-	2.8	28.3	-	-	2.9	-	104.5
63.0	55.0	7.4	-	-	470.6	-	1147.8	496.3	-	-	22.3	-	17.6
63.0	60.0	8.7	-	-	67.0	-	100.1	246.8	-	-	54.5	-	6.1
63.0	65.0	-	-	-	248.2	-	2.8	-	-	-	-	-	-
63.0	70.0	-	-	-	58.2	-	2.9	0.0	-	-	-	-	3.1

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	80.0	-	-	-	-	-	0.0	17.1	-	-	0.0	-	-
67.0	48.0	14.9	-	-	1.5	-	0.0	-	-	-	0.0	-	5.0
67.0	50.0	1389.4	-	-	317.9	-	59.7	6.2	-	-	164.1	-	74.6
67.0	55.0	1049.6	-	-	88.2	-	6.1	143.5	-	-	3.1	-	2.9
67.0	60.0	157.5	-	-	116.2	-	46.0	190.8	-	-	-	-	3.0
67.0	65.0	-	-	-	125.2	-	6.4	-	-	-	-	-	-
67.0	70.0	-	-	-	103.3	-	134.1	21.3	-	-	40.9	-	0.0
67.0	80.0	-	-	-	8.3	-	0.0	0.0	-	-	0.0	-	-
70.0	51.0	1466.1	-	-	114.3	-	90.6	0.0	-	-	15.2	-	91.4
70.0	53.0	377.4	-	-	120.0	-	6.2	79.0	-	-	12.7	-	6.0
70.0	60.0	4.0	-	-	257.3	-	40.1	78.1	-	-	-	-	3.4
70.0	65.0	3.5	-	-	20.2	-	3.2	-	-	-	-	-	-
70.0	70.0	8.9	-	-	17.4	-	3.2	15.6	-	-	6.7	-	0.0
70.0	80.0	21.4	-	-	3.0	-	6.6	0.0	-	-	6.6	-	0.0
70.0	90.0	0.0	-	-	-	-	9.1	0.0	-	-	0.0	-	3.1
73.0	50.0	-	52.7	-	166.2	-	5.4	26.4	-	-	17.8	-	115.4
73.0	53.0	-	82.3	-	65.3	-	6.7	16.6	-	-	5.3	-	0.0
73.0	60.0	-	15.6	-	34.2	-	12.7	16.8	-	-	3.0	-	0.0
73.0	65.0	-	-	-	-	-	6.5	-	-	-	-	-	-
73.0	70.0	-	-	-	103.6	-	60.6	61.7	-	-	0.0	-	0.0
73.0	80.0	-	-	-	11.1	-	3.1	13.2	-	-	0.0	-	-
73.0	90.0	-	-	-	22.9	-	3.3	0.0	-	-	-	-	-
77.0	48.0	27.3	-	-	8.2	-	2.5	0.0	-	-	0.0	-	3.8
77.0	51.0	651.2	-	-	31.8	-	0.0	0.0	-	-	3.3	-	96.4
77.0	55.0	-	234.8	-	322.6	-	63.0	6.6	-	-	0.0	-	24.1
77.0	60.0	-	68.4	-	206.7	-	0.0	15.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	112.1	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	-	71.2	-	0.0	0.0	-	-	3.2	-	3.0
77.0	80.0	3.2	-	-	39.8	-	23.4	3.4	-	-	6.0	-	-
77.0	90.0	3.4	-	-	0.0	-	0.0	0.0	-	-	0.0	-	-
80.0	51.0	-	180.2	-	893.1	71.1	32.3	0.0	0.0	0.0	0.0	-	18.1
80.0	52.0	-	175.7	-	225.0	69.1	21.6	0.0	32.5	78.4	7.3	-	21.6
80.0	55.0	-	128.9	-	113.9	2.7	8.8	10.8	9.6	3.1	11.2	-	25.8
80.0	60.0	-	47.9	-	141.7	3.5	133.5	6.6	16.4	16.0	3.1	-	9.1
80.0	65.0	-	15.1	-	2.4	6.6	9.1	12.5	0.0	0.0	0.0	-	0.0
80.0	70.0	-	18.0	-	0.0	0.0	14.5	0.0	0.0	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	0.0	3.4	0.0	0.0	3.3	0.0	0.0	-	0.0
80.0	90.0	-	1.8	-	22.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	89.4	-	337.7	38.6	14.3	0.0	8.8	29.0	0.0	-	17.8
83.0	40.0	-	12.2	-	0.0	8.8	0.0	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	293.9	-	190.3	199.9	10.7	6.8	3.2	6.7	6.2	-	70.0
83.0	51.0	-	389.0	-	200.8	161.7	98.3	0.0	7.1	16.1	21.2	-	134.4
83.0	55.0	-	121.2	-	70.3	18.2	27.2	13.6	3.5	5.5	11.4	-	93.3
83.0	60.0	-	1.6	-	6.0	47.8	24.8	13.4	0.0	0.0	7.0	-	0.0
83.0	65.0	-	1.6	-	0.0	13.6	12.2	0.0	0.0	6.5	17.7	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	14.1	0.0	3.2	3.0	3.7	-	0.0

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	80.0	-	1.5	-	0.0	0.0	0.0	9.0	3.0	0.0	0.0	-	0.0
87.0	33.0	-	13.8	-	-	3.3	8.1	0.0	0.0	0.0	23.4	-	3.0
87.0	35.0	-	95.3	-	88.8	44.9	10.8	3.1	6.8	24.2	34.8	-	22.5
87.0	40.0	-	465.7	-	50.5	29.6	2.9	0.0	2.9	13.2	3.5	-	14.6
87.0	45.0	-	93.3	-	13.8	35.0	50.7	0.0	0.0	9.9	7.8	-	35.5
87.0	50.0	-	525.1	-	436.3	344.2	59.0	8.1	18.5	18.2	10.5	-	35.0
87.0	55.0	-	59.8	-	6.3	36.4	2.7	0.0	0.0	3.3	6.7	-	9.8
87.0	60.0	-	31.0	-	0.0	10.4	0.0	0.0	3.1	0.0	0.0	-	0.0
87.0	65.0	-	6.8	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	-	0.0
90.0	28.0	-	92.3	7.8	-	9.9	5.5	16.8	38.9	81.4	3.1	-	39.5
90.0	32.0	-	3.2	0.0	-	10.3	0.0	3.3	3.8	0.0	0.0	-	6.4
90.0	37.0	-	13.0	26.6	-	7.0	0.0	6.6	0.0	9.8	3.3	-	3.1
90.0	45.0	-	24.2	0.0	-	10.1	8.4	0.0	5.9	12.9	0.0	-	6.5
90.0	50.0	-	108.6	-	-	208.0	-	-	0.0	3.2	-	-	-
90.0	53.0	-	-	29.2	-	-	11.6	3.6	-	-	0.0	-	3.2
90.0	55.0	-	75.4	-	-	62.9	-	-	0.0	0.0	-	-	-
90.0	60.0	-	3.4	3.1	-	14.7	0.0	3.1	3.5	0.0	0.0	-	0.0
90.0	65.0	-	3.2	3.3	-	13.5	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	70.0	-	0.0	0.0	-	3.5	6.5	0.0	3.1	0.0	-	-	0.0
93.0	27.0	308.8	52.1	-	-	13.0	27.3	0.0	7.2	12.8	3.3	-	3.1
93.0	28.0	55.7	46.3	12.1	-	27.6	8.8	9.3	0.0	12.5	3.3	-	0.0
93.0	30.0	20.0	8.6	115.2	-	3.2	11.6	0.0	0.0	6.0	0.0	-	3.2
93.0	35.0	0.0	112.0	29.6	-	0.0	2.8	3.3	0.0	0.0	0.0	-	9.1
93.0	40.0	15.7	19.6	121.7	-	1.7	5.8	-	3.4	0.0	0.0	-	6.8
93.0	45.0	21.1	6.7	0.0	-	33.4	3.0	0.0	3.3	0.0	0.0	-	0.0
93.0	50.0	5.6	0.0	35.4	-	33.5	6.2	0.0	3.5	0.0	0.0	-	0.0
93.0	55.0	18.1	2.8	35.1	-	143.6	34.3	3.2	0.0	0.0	0.0	-	0.0
93.0	60.0	12.0	0.0	0.0	-	51.3	6.1	3.2	0.0	0.0	0.0	-	0.0
93.0	65.0	0.0	12.7	3.2	-	3.3	2.7	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	6.6	0.0	-	0.0	8.4	-	0.0	0.0	-	-	0.0
93.0	80.0	0.0	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	-	-	0.0
97.0	29.0	9.9	13.4	-	0.0	0.0	2.8	3.1	0.0	0.0	0.0	-	23.8
97.0	30.0	61.5	25.3	-	116.6	13.4	0.0	0.0	0.0	5.4	0.0	-	7.9
97.0	32.0	46.1	-	117.6	-	-	0.0	0.0	-	-	3.0	-	7.4
97.0	35.0	0.0	14.0	35.2	-	36.2	-	0.0	0.0	0.0	0.0	0.0	0.0
97.0	40.0	0.0	27.6	11.0	-	0.0	17.8	10.8	0.0	0.0	0.0	-	0.0
97.0	45.0	0.0	9.5	17.8	-	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	60.3	2.9	25.7	-	19.4	17.5	0.0	0.0	0.0	0.0	-	0.0
97.0	55.0	12.0	28.6	12.4	-	15.7	3.3	0.0	0.0	0.0	0.0	-	0.0
97.0	60.0	5.8	27.7	200.8	-	3.5	0.0	0.0	3.0	0.0	0.0	-	0.0
97.0	65.0	0.0	3.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	0.0	-	18.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	29.0	201.5	33.2	-	56.8	49.1	0.0	4.1	0.0	2.8	6.0	-	2.9
100.0	30.0	445.2	547.2	-	217.4	54.9	6.6	4.7	5.7	11.9	3.4	-	84.6
100.0	35.0	19.2	71.3	-	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	40.0	0.0	18.7	-	11.6	15.3	0.0	13.7	0.0	0.0	0.0	-	0.0
100.0	45.0	0.0	3.4	-	33.7	0.0	6.1	3.0	0.0	0.0	0.0	0.0	0.0
100.0	50.0	0.0	5.3	-	0.0	0.0	0.0	3.4	0.0	0.0	0.0	-	0.0
100.0	55.0	32.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	0.0	-	0.0
100.0	60.0	3.1	0.0	-	0.0	0.0	0.0	2.1	0.0	0.0	0.0	-	0.0
100.0	65.0	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	3.7	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	87.7	35.6	-	186.0	46.6	-	4.0	4.7	0.0	0.0	-	0.0
103.0	30.0	93.6	25.4	-	94.2	35.6	-	0.0	0.0	0.0	6.2	-	5.8
103.0	35.0	11.6	12.5	-	12.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	0.0	-	0.0	0.0	-	1.7	0.0	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	11.1	-	0.0	3.2	0.0	0.0	3.0	0.0
103.0	60.0	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	41.8	22.6	-	51.7	10.3	-	1.5	0.0	0.0	0.0	-	0.0
107.0	32.0	19.7	192.3	-	66.6	88.8	-	6.0	3.0	0.0	0.0	-	28.2
107.0	35.0	0.0	39.6	-	6.8	0.0	-	0.0	10.0	0.0	5.1	0.0	5.5
107.0	40.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	2.8	-	3.6	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	50.0	0.0	6.3	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	60.0	0.0	12.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	3.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	27.7	141.0	27.4	-	0.0	0.0	0.0	0.0	-	8.8
110.0	33.0	-	-	-	163.4	-	-	-	-	-	-	-	-
110.0	35.0	0.0	-	74.1	79.6	3.4	-	0.0	0.0	0.0	3.4	0.0	18.1
110.0	40.0	0.0	-	35.1	18.9	0.0	-	-	0.0	0.0	0.0	-	8.6
110.0	41.0	-	-	-	-	-	-	26.2	-	-	-	-	-
110.0	45.0	0.0	-	17.6	44.7	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	65.0	33.4	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	29.0	1.7	-	10.0	51.8	0.0	-	1.3	0.0	0.0	0.0	-	1.7
113.0	30.0	14.7	-	61.6	20.0	7.0	-	2.2	0.0	0.0	8.0	0.0	60.2
113.0	35.0	18.6	-	0.0	0.0	25.0	-	3.3	0.0	0.0	0.0	0.0	16.2
113.0	40.0	0.0	-	73.0	3.1	3.1	-	0.0	0.0	0.0	0.0	-	7.1
113.0	45.0	0.0	-	2.9	0.0	51.2	-	5.7	0.0	0.0	0.0	0.0	9.8
113.0	50.0	0.0	-	2.8	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.6
113.0	55.0	0.0	-	0.0	36.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	19.3	-	-	0.0	0.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	25.0	0.0	-	0.0	14.4	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	26.0	2.1	-	19.4	6.4	15.4	-	3.0	0.0	0.0	0.0	5.4	0.0
117.0	30.0	5.6	-	2.7	67.5	9.0	-	0.0	2.8	0.0	0.0	0.0	0.0
117.0	35.0	2.8	-	20.2	8.3	39.1	-	2.6	0.0	0.0	0.0	0.0	2.1
117.0	40.0	0.0	-	145.3	125.6	3.2	-	3.3	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	180.4	0.0	-	12.5	0.0	0.0	0.0	0.0	0.0
117.0	55.0	0.0	-	0.0	3.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
118.0	39.0	-	-	-	17.4	20.0	-	6.2	0.0	0.0	0.0	-	0.0
119.0	33.0	0.0	-	21.1	0.0	5.9	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	24.0	1.3	-	2.5	0.0	3.3	-	0.0	0.0	0.0	0.0	-	0.0
120.0	25.0	0.0	-	11.4	0.0	3.8	-	0.0	0.0	0.0	0.0	0.0	2.5
120.0	30.0	5.4	-	11.6	3.2	3.2	-	2.1	0.0	0.0	0.0	0.0	0.0
120.0	35.0	0.0	-	16.6	3.2	0.0	-	0.0	0.0	0.0	2.6	0.0	0.0
120.0	40.0	0.0	-	0.0	2.2	0.0	-	1.6	0.0	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	33.2	-	0.0	0.0	-	0.0	0.0	0.0
120.0	50.0	0.0	-	0.0	2.1	0.0	-	6.3	0.0	-	0.0	-	0.0
123.0	36.0	2.7	-	-	41.0	12.9	-	0.0	0.0	-	0.0	-	0.0
123.0	37.0	-	2.9	-	244.0	95.2	-	3.5	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	40.2	-	-	3.2	-	-	0.0	-
123.0	42.0	-	-	-	141.9	-	-	0.0	-	-	0.0	-	0.0
123.0	45.0	0.0	-	-	0.0	6.8	-	0.0	0.0	-	0.0	-	0.0
127.0	33.0	-	2.2	-	4.5	16.4	-	4.8	0.0	-	0.0	-	0.0
127.0	34.0	-	5.6	-	15.4	0.0	-	3.3	0.0	-	0.0	0.0	0.0
127.0	40.0	-	0.0	-	25.6	3.3	-	0.0	0.0	-	0.0	0.0	0.0
127.0	45.0	-	0.0	-	0.0	23.5	-	0.0	0.0	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	6.4	0.0	-	0.0	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	13.6	0.0	-	0.0	-	0.0
127.0	65.0	-	0.0	-	-	0.0	-	2.8	-	-	-	-	-
130.0	30.0	-	3.0	-	2.8	5.6	-	0.0	0.0	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	7.1	0.0	-	4.6	0.0	-	0.0	0.0	0.0
133.0	30.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	35.0	-	0.0	-	3.5	13.1	-	0.0	0.0	-	0.0	-	0.0
133.0	40.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	45.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0	-	-
133.0	55.0	-	0.0	-	3.8	0.0	-	0.0	0.0	-	0.0	-	-
137.0	30.0	-	9.6	-	0.0	3.4	-	0.0	0.0	-	0.0	0.0	0.0
137.0	35.0	-	0.0	-	3.3	9.5	-	0.0	0.0	-	0.0	0.0	0.0

Sebastolobus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	-	-	17.8	-	3.2	-	-	-	-	-	-
60.0	70.0	0.0	-	-	0.0	-	4.1	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	0.0	10.8	-	-	0.0	-	0.0
63.0	65.0	-	-	-	20.4	-	0.0	-	-	-	-	-	-
63.0	70.0	-	-	-	11.1	-	0.0	0.0	-	-	-	-	0.0
63.0	80.0	-	-	-	-	-	0.0	10.3	-	-	0.0	-	-
63.0	90.0	-	-	-	-	-	14.0	0.0	-	-	0.0	-	-
67.0	55.0	0.0	-	-	3.0	-	9.1	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	0.0	-	3.1	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	3.0	-	3.2	-	-	-	-	-	-
67.0	70.0	-	-	-	0.0	-	0.0	3.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Sebastolobus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	80.0	-	-	-	5.6	-	0.0	3.3	-	-	3.4	-	-
67.0	90.0	-	-	-	-	-	16.0	6.9	-	-	3.3	-	-
70.0	60.0	0.0	-	-	18.6	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	0.0	-	-	5.8	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	22.3	-	0.0	0.0	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	6.0	-	10.0	3.3	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	0.0	13.5	-	-	0.0	-	0.0
73.0	50.0	-	0.0	-	10.7	-	0.0	0.0	-	-	0.0	-	0.0
73.0	53.0	-	0.0	-	8.9	-	0.0	0.0	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	14.3	-	3.2	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	5.6	-	6.4	3.6	-	-	0.0	-	0.0
73.0	80.0	-	-	-	13.9	-	3.1	13.2	-	-	0.0	-	-
73.0	90.0	-	-	-	20.0	-	6.6	0.0	-	-	-	-	-
77.0	48.0	0.0	-	-	1.0	-	0.0	0.0	-	-	0.0	-	0.0
77.0	55.0	-	0.0	-	0.0	-	3.5	0.0	-	-	0.0	-	0.0
77.0	60.0	-	0.0	-	16.3	-	0.0	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	13.4	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	-	8.2	-	0.0	0.0	-	-	0.0	-	0.0
77.0	80.0	0.0	-	-	11.4	-	3.3	6.8	-	-	0.0	-	-
77.0	90.0	0.0	-	-	0.0	-	0.0	3.3	-	-	6.4	-	-
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	7.5	-	0.0
80.0	65.0	-	0.0	-	2.4	3.3	0.0	3.1	19.9	24.9	0.0	-	0.0
80.0	70.0	-	0.0	-	13.4	0.0	0.0	0.0	6.9	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	0.0	6.9	0.0	0.0	0.0	6.4	0.0	-	0.0
80.0	90.0	-	0.0	-	5.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	0.0	-	6.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	6.0	0.0	0.0	0.0	3.1	0.0	3.5	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	3.0	0.0	-	0.0
83.0	80.0	-	0.0	-	3.3	3.0	3.0	0.0	0.0	0.0	0.0	-	0.0
87.0	55.0	-	0.0	-	6.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	6.3	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	6.8	3.3	0.0	-	0.0
87.0	90.0	-	0.0	9.6	-	3.5	0.0	0.0	0.0	0.0	0.0	-	-
90.0	55.0	-	0.0	-	-	9.9	-	-	0.0	6.8	-	-	-
90.0	60.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
90.0	80.0	-	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	0.0	-	2.0	0.0	-	0.0	0.0	-	-	0.0
93.0	80.0	0.0	0.0	0.0	-	3.8	0.0	0.0	0.0	9.5	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	1.9	0.0	0.0	-	-	0.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Prionotus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	1.7	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	2.5	0.0	0.0	0.0	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	5.3	0.0	0.0	2.6	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	2.8	5.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	2.1	0.0	4.0	-	0.0
125.0	35.5	-	-	-	-	-	-	-	-	-	-	2.8	-
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.7	-	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	2.3	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	2.7	0.0	0.0
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	45.0	-	9.3	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	0.0	6.3	-	2.5	0.0	0.0
137.0	22.0	-	0.0	-	0.0	0.0	-	61.2	114.4	-	0.0	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	10.9	416.2	-	0.0	0.0	0.0
143.0	26.0	-	-	-	-	-	-	-	-	-	-	5.0	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	6.3	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	67.0	-

Hypsoblennius spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	-	0.0	-	0.0	0.0	8.1	-	8.1	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	3.3	4.9	17.2	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	6.0	0.0	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	0.0	33.6	77.9	0.0	9.3	-	0.0
90.0	53.0	-	-	0.0	-	-	0.0	7.3	-	-	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	5.4	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0
100.0	29.0	0.0	0.0	-	0.0	0.0	0.0	4.1	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	0.0	-	0.0	7.9	3.8	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	1.9
107.0	31.0	0.0	0.0	-	0.0	0.0	-	5.8	0.0	2.5	0.0	-	2.5
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	6.1	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	3.3	0.0	0.0
110.0	32.0	0.8	-	0.0	0.0	0.0	-	0.0	0.0	23.9	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
113.0	29.0	0.0	-	0.0	0.0	1.4	-	0.0	2.3	0.0	24.4	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	20.9	0.0	0.0	0.0	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.5	0.0	0.0	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	2.7	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Hypsoblennius spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	2.7	0.0
118.0	39.0	-	-	-	0.0	0.0	-	0.0	0.0	0.0	2.7	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	5.8	3.1	0.0	0.0	0.0
120.0	24.0	0.0	-	0.0	0.0	0.0	-	1.3	2.3	0.0	2.2	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	7.9	2.6	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	2.1	0.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	-	1.4	0.0	0.0	-	3.2	2.1	0.0	8.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	2.9	-	0.0	0.0	0.0
123.0	36.0	0.0	-	-	1.7	0.0	-	7.0	5.7	-	0.0	-	0.0
125.0	35.5	-	-	-	-	-	-	-	-	-	-	2.8	-
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	10.2	-	10.7	-	0.0
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	5.3	-	2.8	0.0	0.0
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	6.6	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	11.8	-	2.3	-	4.1
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.5
130.0	35.0	-	0.0	-	0.0	0.0	-	9.3	0.0	-	0.0	0.0	0.0
131.5	37.5	-	-	-	-	-	-	-	-	-	-	2.7	-
133.0	23.0	-	0.0	-	0.0	0.0	-	8.1	5.6	-	14.0	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	0.0	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	0.0	12.5	-	0.0	0.0	5.7
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6
137.0	22.0	-	0.0	-	0.0	2.1	-	2.1	0.0	-	0.0	-	0.0
143.0	30.0	-	-	-	-	-	-	-	-	-	-	2.9	-

Clinidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	50.0	10.4	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
63.0	52.0	0.0	-	-	19.1	-	0.0	3.1	-	-	0.0	-	0.0
77.0	48.0	0.0	-	-	1.0	-	0.0	2.2	-	-	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	1.4	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	3.1	0.0	2.7	0.0	0.0	0.0	0.0	-	3.2
83.0	51.0	-	9.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	50.0	-	2.3	-	0.0	0.0	0.0	0.0	0.0	0.0	14.0	-	6.2
93.0	27.0	0.0	2.5	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	3.8	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	67.0	5.3	3.1	0.0	5.4	0.0	12.2	-	0.0
100.0	29.0	0.0	0.0	-	26.9	0.0	0.0	2.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.7
100.0	55.0	3.6	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	1.5	1.3	-	28.8	47.1	9.4	1.6	-	0.0
103.0	30.0	0.0	0.0	-	0.0	2.5	-	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	2.9	0.0	-	10.2	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	2.1	8.6	0.0	-	1.2	2.6	0.0	1.2	-	0.0
113.0	29.0	0.0	-	5.0	1.6	0.0	-	1.3	0.0	1.5	0.0	-	0.0

TABLE 4. (cont.)

Clinidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	25.0	0.0	–	0.0	2.4	0.0	–	0.0	0.0	0.0	0.0	–	0.0
120.0	40.0	0.0	–	0.0	2.2	0.0	–	0.0	0.0	2.9	0.0	–	1.4
120.0	45.0	0.0	–	0.0	3.2	0.0	–	0.0	0.0	–	0.0	0.0	0.0
127.0	55.0	–	0.0	–	0.0	0.0	–	2.7	0.0	–	0.0	–	0.0
130.0	28.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	2.1
143.0	26.0	–	–	–	–	–	–	–	–	–	–	2.5	–

Gobiidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	–	–	2.8	–	0.0	0.0	–	–	6.8	–	4.9
60.0	55.0	0.0	–	–	0.0	–	0.0	0.0	–	–	6.0	–	0.0
63.0	50.0	10.4	–	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
63.0	52.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.4
63.0	55.0	0.0	–	–	0.0	–	0.0	0.0	–	–	3.2	–	0.0
67.0	50.0	5.6	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.9
67.0	58.0	–	–	–	–	–	–	–	–	–	3.2	–	–
67.0	60.0	2.5	–	–	3.0	–	0.0	0.0	–	–	–	–	0.0
67.0	65.0	–	–	–	3.0	–	0.0	–	–	–	–	–	–
67.0	70.0	–	–	–	0.0	–	0.0	0.0	–	–	6.8	–	0.0
70.0	51.0	3.1	–	–	0.0	–	3.0	0.0	–	–	0.0	–	0.0
70.0	53.0	3.4	–	–	3.0	–	0.0	0.0	–	–	3.2	–	0.0
70.0	60.0	0.0	–	–	3.1	–	0.0	0.0	–	–	–	–	0.0
73.0	50.0	–	0.0	–	0.0	–	0.0	0.0	–	–	3.0	–	0.0
73.0	53.0	–	3.6	–	0.0	–	3.3	0.0	–	–	2.7	–	0.0
73.0	60.0	–	0.0	–	0.0	–	0.0	3.4	–	–	0.0	–	0.0
73.0	70.0	–	–	–	2.8	–	0.0	3.6	–	–	0.0	–	0.0
77.0	48.0	0.0	–	–	2.1	–	0.0	0.0	–	–	0.0	–	0.0
77.0	51.0	3.2	–	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
77.0	55.0	–	0.0	–	12.6	–	0.0	0.0	–	–	0.0	–	6.0
77.0	60.0	–	3.4	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
77.0	80.0	0.0	–	–	2.8	–	0.0	0.0	–	–	0.0	–	–
80.0	51.0	–	0.0	–	16.1	0.0	0.0	0.0	1.8	6.5	0.0	–	0.0
80.0	52.0	–	0.0	–	3.0	0.0	3.1	0.0	0.0	20.5	0.0	–	0.0
80.0	55.0	–	3.1	–	10.1	0.0	0.0	0.0	6.4	0.0	11.2	–	0.0
80.0	60.0	–	0.0	–	12.3	0.0	2.8	0.0	0.0	3.2	0.0	–	0.0
80.0	70.0	–	0.0	–	0.0	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0
82.0	47.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.2	3.2	–	0.0
83.0	43.0	–	1.6	–	6.1	2.9	5.4	3.4	9.7	0.0	0.0	–	0.0
83.0	51.0	–	0.0	–	0.0	9.3	0.0	0.0	0.0	0.0	0.0	–	2.9
83.0	55.0	–	0.0	–	0.0	3.6	6.0	0.0	0.0	0.0	0.0	–	0.0
83.0	65.0	–	0.0	–	0.0	0.0	0.0	6.7	0.0	3.2	0.0	–	0.0
83.0	70.0	–	0.0	–	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0
87.0	33.0	–	0.0	–	–	0.0	0.0	0.0	2.9	0.0	0.0	–	0.0
87.0	35.0	–	1.7	–	0.0	0.0	5.4	0.0	0.0	0.0	0.0	–	2.5

TABLE 4. (cont.)

Gobiidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	40.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
87.0	50.0	-	6.7	-	0.0	5.4	0.0	2.7	0.0	0.0	0.0	-	0.0
87.0	55.0	-	0.0	-	0.0	3.3	2.7	3.5	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.4
90.0	28.0	-	0.0	0.0	-	0.0	0.0	3.4	0.0	0.0	6.2	-	3.3
90.0	32.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.2
90.0	37.0	-	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	2.8	0.0	3.0	0.0	0.0	-	0.0
90.0	50.0	-	3.3	-	-	0.0	-	-	0.0	0.0	-	-	-
93.0	27.0	0.0	0.0	-	-	6.5	0.0	6.1	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	2.6	0.0	-	4.1	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
93.0	45.0	3.0	0.0	0.0	-	0.0	0.0	3.2	13.3	0.0	0.0	-	0.0
93.0	60.0	0.0	0.0	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	1.6	8.3	0.0	0.0	0.0	2.1	-	0.0
97.0	30.0	0.0	0.0	-	0.0	8.0	0.0	0.0	5.4	0.0	0.0	-	0.0
97.0	50.0	0.0	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	0.0	-	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	20.2	0.0	0.0	0.0	8.5	3.0	-	0.0
100.0	30.0	0.0	3.0	-	0.0	3.0	3.3	0.0	0.0	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	8.7	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
103.0	29.0	0.0	0.0	-	3.1	0.0	-	0.0	1.6	0.0	0.0	-	1.1
103.0	30.0	2.4	0.0	-	6.1	0.0	-	5.5	2.9	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.6
103.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	-	0.0
107.0	31.0	2.6	0.0	-	5.7	6.2	-	1.5	0.0	15.2	32.5	-	0.0
107.0	32.0	0.0	0.0	-	0.0	6.6	-	0.0	0.0	3.3	16.4	-	0.0
107.0	35.0	0.0	3.0	-	0.0	0.0	-	0.0	6.7	0.0	15.2	0.0	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0
107.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.8
110.0	32.0	0.0	-	0.0	1.7	0.0	-	0.0	2.6	0.0	1.2	-	0.0
110.0	35.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	3.2	0.0	0.0	-	0.0
110.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.5	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.0	3.5	-	0.0
113.0	29.0	0.0	-	0.0	1.6	1.4	-	0.0	0.0	0.0	0.0	-	3.3
113.0	30.0	0.0	-	0.0	3.3	2.3	-	0.0	0.0	0.0	0.0	0.0	4.3
113.0	35.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	3.2	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	3.2	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.8
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
117.0	25.0	0.0	-	0.0	7.2	0.0	-	0.0	5.3	0.0	0.0	-	0.0

TABLE 4. (cont.)

Gobiidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	2.8	0.0	3.1	2.7	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	5.1	3.1	3.3	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	3.6	3.2	-	0.0	0.0	0.0	0.0	-	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	-	0.0
118.0	39.0	-	-	-	0.0	3.3	-	0.0	2.8	0.0	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0
120.0	24.0	0.0	-	1.3	0.0	1.6	-	0.0	0.0	5.3	2.2	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	5.3	0.0	2.5
120.0	35.0	0.0	-	3.3	3.2	0.0	-	0.0	0.0	15.4	10.4	0.0	0.0
120.0	40.0	3.9	-	0.0	0.0	2.8	-	0.0	10.3	0.0	6.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	3.7	-	0.0	0.0	-	0.0	0.0	0.0
123.0	37.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	5.9	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
127.0	34.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	2.8	0.0	0.0
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1	0.0	0.0
133.0	23.0	-	5.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
133.0	25.0	-	0.0	-	0.0	2.8	-	0.0	0.0	-	0.0	2.9	0.0
133.0	40.0	-	0.0	-	8.6	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	22.0	-	1.5	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	2.7	-	2.1	5.6	0.0
147.0	20.0	-	-	-	-	-	-	-	-	-	-	3.2	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	2.3	-

Icosteus aenigmaticus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	65.0	-	-	-	2.9	-	0.0	-	-	-	-	-	-
73.0	70.0	-	-	-	5.6	-	0.0	0.0	-	-	0.0	-	0.0
77.0	90.0	0.0	-	-	11.4	-	0.0	0.0	-	-	0.0	-	-

Halichoeres spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	52.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.4	3.7	-	0.0
90.0	37.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.2	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	2.7	0.0	0.0	0.0	-	0.0
113.0	29.0	0.0	-	0.0	0.0	0.0	-	0.0	8.2	0.0	0.0	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	5.2	0.0	0.0	0.0	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	1.4	0.0	1.7	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	26.6	7.6	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	0.0	0.0	0.0	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	6.2	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Halichoeres spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	3.2	0.0	0.0	–	0.0
118.0	39.0	–	–	–	0.0	0.0	–	24.7	0.0	0.0	0.0	–	0.0
120.0	24.0	0.0	–	0.0	0.0	0.0	–	1.3	0.0	0.0	0.0	–	0.0
120.0	25.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	2.8	0.0	5.2	0.0
120.0	30.0	0.0	–	0.0	0.0	0.0	–	6.2	0.0	0.0	0.0	0.0	0.0
120.0	35.0	0.0	–	0.0	0.0	0.0	–	2.8	0.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	–	0.0	0.0	0.0	–	1.6	72.1	2.9	4.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	2.9	–	0.0	0.0	0.0
120.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	11.5	–	0.0	–	0.0
120.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	41.6	–	0.0	–	0.0
123.0	37.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.0	0.0
123.0	40.0	0.0	–	–	–	0.0	–	–	6.4	–	–	0.0	–
127.0	34.0	–	0.0	–	0.0	0.0	–	0.0	5.3	–	0.0	3.0	2.6
127.0	40.0	–	0.0	–	0.0	0.0	–	0.0	11.8	–	0.0	0.0	0.0
127.0	50.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0	0.0	0.0
127.0	65.0	–	0.0	–	–	0.0	–	2.8	–	–	–	–	–
130.0	28.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.3	–	0.0
130.0	30.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	5.4	0.0	0.0
130.0	35.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.6	0.0	0.0
131.5	37.5	–	–	–	–	–	–	–	–	–	–	2.7	–
133.0	23.0	–	0.0	–	0.0	0.0	–	10.8	0.0	–	0.0	–	0.0
133.0	25.0	–	0.0	–	0.0	0.0	–	0.0	6.3	–	0.0	0.0	0.0
133.0	30.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0	0.0	0.0
133.0	35.0	–	0.0	–	0.0	0.0	–	0.0	10.5	–	0.0	–	0.0
137.0	22.0	–	0.0	–	0.0	0.0	–	2.1	0.0	–	0.0	–	0.0
137.0	23.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	8.4	0.0
137.0	30.0	–	0.0	–	0.0	0.0	–	0.0	6.2	–	0.0	0.0	0.0
143.0	30.0	–	–	–	–	–	–	–	–	–	–	32.3	–
144.5	23.0	–	–	–	–	–	–	–	–	–	–	2.9	–
150.0	19.0	–	–	–	–	–	–	–	–	–	–	2.3	–

Oxyjulis californica

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.6
60.0	60.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.7
60.0	70.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	3.0
60.0	80.0	0.0	–	–	–	–	0.0	0.0	–	–	0.0	–	3.0
63.0	55.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	2.5
63.0	60.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	6.1
80.0	51.0	–	0.0	–	0.0	0.0	3.2	0.0	0.0	0.0	0.0	–	0.0
80.0	52.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	27.3	0.0	–	0.0
80.0	55.0	–	0.0	–	0.0	0.0	0.0	0.0	32.1	0.0	0.0	–	0.0
80.0	60.0	–	0.0	–	0.0	0.0	0.0	0.0	3.3	0.0	0.0	–	0.0
80.0	65.0	–	0.0	–	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0

TABLE 4. (cont.)

Oxyjulis californica (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	-	0.0	-	0.0	0.0	25.6	0.0	44.1	0.0	3.2	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	4.1	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	5.4	0.0	25.8	20.0	0.0	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	2.7	0.0	46.0	5.4	0.0	-	0.0
83.0	55.0	-	0.0	-	0.0	0.0	0.0	10.2	21.0	11.1	0.0	-	0.0
83.0	60.0	-	0.0	-	0.0	0.0	0.0	23.4	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	3.3	3.1	29.2	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
87.0	45.0	-	0.0	-	0.0	3.2	3.0	0.0	0.0	3.3	0.0	-	0.0
87.0	50.0	-	0.0	-	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
87.0	55.0	-	0.0	-	0.0	3.3	0.0	17.6	3.1	3.3	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	0.0	28.6	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	0.0	24.2	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	2.8	0.0	0.0	3.4	0.0	-	0.0
90.0	30.0	-	-	-	-	-	-	-	3.7	-	-	-	-
90.0	37.0	-	0.0	0.0	-	0.0	0.0	0.0	3.5	3.3	0.0	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	25.8	0.0	-	0.0
90.0	50.0	-	0.0	-	-	0.0	-	-	0.0	9.5	-	-	-
90.0	53.0	-	-	0.0	-	-	20.2	0.0	-	-	0.0	-	0.0
90.0	60.0	-	0.0	0.0	-	0.0	2.9	6.2	0.0	3.3	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	5.5	2.9	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	-	0.0
93.0	40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.2	-	0.0
93.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	15.6	-	0.0
93.0	50.0	0.0	0.0	0.0	-	1.4	12.4	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	0.0	-	10.8	25.0	0.0	0.0	0.0	0.0	-	0.0
93.0	60.0	0.0	0.0	0.0	-	3.4	0.0	79.8	0.0	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	-	-	0.0
97.0	29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.2	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	16.0	33.8	3.1	8.1	0.0	2.4	-	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	8.9	14.4	0.0	0.0	2.9	-	0.0
97.0	50.0	0.0	0.0	0.0	-	0.0	5.8	0.0	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	0.0	-	3.6	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	8.7	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	27.4	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	6.9	-	0.0
100.0	50.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	6.5	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	0.0	-	4.0	7.9	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	2.9	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	1.5	0.0	0.0	0.0	0.0	0.0
103.0	45.0	0.0	0.0	-	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	32.0	0.0	0.0	-	3.2	0.0	-	0.0	3.0	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0	0.0	0.0	0.0
110.0	35.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Oxyjulis californica (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	60.0	0.0	–	0.0	0.0	0.0	–	3.0	0.0	0.0	0.0	–	0.0
113.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	3.1	0.0	0.0	0.0	0.0
117.0	25.0	0.0	–	0.0	0.0	0.0	–	1.4	0.0	0.0	0.0	–	0.0
120.0	24.0	0.0	–	0.0	0.0	0.0	–	1.3	0.0	0.0	0.0	–	0.0
123.0	45.0	0.0	–	–	0.0	3.4	–	0.0	0.0	–	0.0	–	0.0
123.0	50.0	0.0	–	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	0.0
130.0	45.0	–	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0	–	0.0

Semicossyphus pulcher

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	–	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0	0.0	–	0.0
83.0	40.0	–	0.0	–	0.0	0.0	2.7	–	0.0	0.0	0.0	–	0.0
83.0	43.0	–	0.0	–	0.0	0.0	5.4	0.0	3.2	0.0	0.0	–	0.0
83.0	65.0	–	0.0	–	0.0	0.0	0.0	3.3	0.0	0.0	0.0	–	0.0
87.0	55.0	–	0.0	–	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0
87.0	65.0	–	0.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	0.0
90.0	28.0	–	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0
90.0	45.0	–	0.0	0.0	–	0.0	0.0	3.3	0.0	0.0	0.0	–	0.0
90.0	53.0	–	–	0.0	–	–	11.6	0.0	–	–	0.0	–	0.0
93.0	27.0	0.0	0.0	–	–	0.0	5.5	0.0	0.0	0.0	0.0	–	0.0
93.0	60.0	0.0	0.0	0.0	–	0.0	0.0	6.4	0.0	0.0	0.0	–	0.0
97.0	30.0	0.0	0.0	–	0.0	0.0	6.1	0.0	0.0	0.0	0.0	–	0.0
97.0	40.0	0.0	0.0	0.0	–	0.0	0.0	3.6	0.0	0.0	0.0	–	0.0
103.0	29.0	0.0	0.0	–	0.0	0.0	–	0.0	3.1	0.0	0.0	–	0.0
103.0	30.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	3.1	0.0	–	0.0
107.0	31.0	0.0	0.0	–	0.0	0.0	–	0.0	2.0	0.0	0.0	–	0.0
107.0	32.0	0.0	0.0	–	0.0	0.0	–	0.0	3.0	0.0	0.0	–	0.0
110.0	65.0	0.0	–	0.0	0.0	0.0	–	0.0	3.2	0.0	0.0	–	0.0
117.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.5	0.0	2.7	0.0
117.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	0.0	0.0	0.0
119.0	33.0	0.0	–	0.0	0.0	0.0	–	0.0	8.7	0.0	0.0	0.0	0.0
120.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	2.1	0.0	0.0	–	0.0
120.0	55.0	0.0	–	0.0	0.0	0.0	–	2.6	0.0	–	0.0	–	0.0
127.0	34.0	–	0.0	–	0.0	0.0	–	0.0	10.6	–	0.0	0.0	0.0
127.0	50.0	–	0.0	–	0.0	0.0	–	6.4	0.0	–	0.0	0.0	0.0
137.0	23.0	–	0.0	–	0.0	0.0	–	0.0	2.7	–	0.0	0.0	0.0

Pomacentridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	25.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	1.7	0.0	–	0.0
123.0	37.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	6.3	17.8	0.0
127.0	33.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	104.1	–	0.0

TABLE 4. (cont.)

Pomacentridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	19.0	-	-	-	-	-	-	-	-	-	-	2.3	-

Chromis punctipinnis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	12.8	3.1	0.0	-	0.0
80.0	60.0	-	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	0.0	0.0	5.9	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	0.0	0.0	6.5	6.7	0.0	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	0.0	2.9	7.1	5.4	0.0	-	0.0
83.0	55.0	-	0.0	-	0.0	0.0	0.0	10.2	3.5	8.3	0.0	-	0.0
83.0	60.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	2.7	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	6.5	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	0.0	0.0	2.9	23.0	0.0	-	0.0
87.0	45.0	-	0.0	-	0.0	0.0	0.0	0.0	11.1	3.3	0.0	-	0.0
87.0	50.0	-	0.0	-	0.0	0.0	0.0	18.8	3.1	0.0	0.0	-	0.0
87.0	55.0	-	0.0	-	0.0	0.0	0.0	38.8	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	0.0	0.0	24.8	0.0	3.1	-	0.0
90.0	30.0	-	-	-	-	-	-	-	7.4	-	-	-	-
90.0	37.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	16.1	0.0	-	0.0
90.0	60.0	-	0.0	0.0	-	0.0	0.0	6.2	3.5	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	0.0	18.3	0.0	0.0	19.6	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	6.8	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	89.4	0.0	3.2	-	0.0
93.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	0.0	-	0.0	6.2	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	0.0	-	0.0	15.6	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	0.0	0.0	37.0	2.2	11.4	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	0.0	47.0	197.8	0.0	7.3	-	0.0
97.0	32.0	0.0	-	0.0	-	-	0.0	0.0	-	-	6.1	-	0.0
97.0	35.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	3.3	3.5	0.0	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
100.0	29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	8.5	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	105.4	134.1	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.4	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	44.5	0.0	0.0	0.0
100.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	9.8	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	0.0	-	0.0	301.4	28.4	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	137.7	37.3	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	0.8	0.0	0.0	0.0	0.0	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
103.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.2	-	-	0.0

TABLE 4. (cont.)

Chromis punctipinnis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	31.0	0.0	0.0	–	0.0	0.0	–	0.0	17.9	50.8	0.0	–	0.0
107.0	32.0	0.0	0.0	–	0.0	0.0	–	0.0	6.1	3.3	0.0	–	0.0
107.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	50.1	0.0	2.5	0.0	0.0
107.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	3.2	0.0	–	0.0
107.0	65.0	0.0	–	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	–	0.0
110.0	32.0	0.0	–	0.0	0.0	0.0	–	0.0	336.6	4.3	0.0	–	0.0
110.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.4	0.0	0.0	0.0
113.0	29.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	15.7	–	0.0
113.0	30.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	1.7	13.3	0.0	0.0
113.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	6.4	0.0	0.0
113.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.3	0.0	–	0.0
113.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	130.0	3.0	0.0	0.0	0.0
113.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	107.1	0.0	0.0	–	0.0
113.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	5.8	0.0	–	0.0
113.0	60.0	0.0	–	0.0	0.0	–	–	0.0	0.0	5.6	0.0	–	0.0
117.0	26.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	12.3	0.0	0.0	0.0
117.0	30.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.0	0.0	0.0	0.0
117.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	3.1	6.5	0.0	0.0	0.0
117.0	40.0	0.0	–	0.0	0.0	0.0	–	3.3	0.0	3.3	0.0	–	0.0
117.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	6.5	0.0	0.0	–	0.0
117.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	–	0.0
117.0	65.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.1	0.0	–	0.0
118.0	39.0	–	–	–	0.0	0.0	–	0.0	0.0	3.1	0.0	–	0.0
120.0	24.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	4.4	–	0.0
120.0	25.0	0.0	–	0.0	0.0	0.0	–	0.0	18.7	2.8	5.3	0.0	0.0
120.0	30.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.6	0.0
120.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	2.1	20.0	2.0	–	0.0
120.0	55.0	0.0	–	0.0	0.0	0.0	–	2.6	0.0	–	0.0	–	0.0
123.0	45.0	0.0	–	–	0.0	0.0	–	0.0	3.2	–	0.0	–	0.0
125.0	35.5	–	–	–	–	–	–	–	–	–	–	2.8	–

Hypsypops rubicundus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	29.0	0.0	0.0	–	0.0	0.0	–	0.0	81.6	0.0	0.0	–	0.0

Mugil spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
117.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	0.0
133.0	25.0	–	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0	0.0	0.0
133.0	30.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0	0.0	0.0
150.0	19.0	–	–	–	–	–	–	–	–	–	–	2.3	–

TABLE 4. (cont.)

Apogonidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0 30.0	-	-	-	-	-	-	-	-	-	-	2.9	-

Howella brodiei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 120.0	-	-	-	-	-	-	-	-	-	2.8	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
93.0 120.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0

Brama spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 100.0	-	0.0	-	-	-	-	0.0	-	-	3.0	-	-
90.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
90.0 130.0	-	-	-	-	-	-	-	-	-	-	-	3.0
90.0 140.0	-	-	-	-	-	-	-	-	-	-	-	3.1
100.0 45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
100.0 50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
100.0 70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
103.0 80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	-	-	2.7
107.0 35.0	0.0	0.0	-	0.0	0.0	-	0.0	3.3	0.0	0.0	0.0	0.0
107.0 65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.2	0.0	-	0.0
107.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.3	-	0.0
110.0 50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
110.0 55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
110.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.4	-	0.0
117.0 60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
117.0 70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.6
117.0 80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	2.8
120.0 80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	-	-	2.8
123.0 55.0	0.0	-	-	0.0	0.0	-	0.0	3.1	-	0.0	-	0.0
130.0 35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3
133.0 30.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	6.2	0.0

Carangidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0 30.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0	0.0	0.0
130.0 50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	0.0	0.0
133.0 23.0	-	0.0	-	0.0	0.0	-	13.6	36.5	-	0.0	-	0.0
133.0 25.0	-	0.0	-	0.0	0.0	-	5.5	0.0	-	0.0	0.0	0.0
133.0 30.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	0.0	0.0
137.0 22.0	-	0.0	-	0.0	0.0	-	46.4	58.6	-	2.3	-	0.0

TABLE 4. (cont.)

Carangidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	23.0	-	0.0	-	0.0	0.0	-	2.7	49.0	-	0.0	0.0	0.0
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	9.3	-	2.6	0.0	0.0

Seriola lalandi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	29.0	0.0	0.0	-	0.0	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	6.1	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
110.0	80.0	0.0	-	0.0	0.0	0.0	-	3.2	-	-	-	-	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	8.4	0.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	6.5	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	3.3	5.6	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	12.5	0.0	0.0	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	9.7	0.0	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	0.0	2.8	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	5.7	-	0.0	0.0	0.0
120.0	70.0	0.0	-	-	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	28.8	-	-	0.0	-
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	0.0	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	12.9	0.0	-	0.0	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	24.5	0.0	-	0.0	-	0.0
127.0	65.0	-	0.0	-	-	0.0	-	11.4	-	-	-	-	-
127.0	70.0	-	0.0	-	-	0.0	-	3.0	-	-	-	-	-
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	14.1	-	0.0	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	5.5	0.0	-	0.0	0.0	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	35.4	-	0.0	0.0	0.0
137.0	60.0	-	0.0	-	0.0	0.0	-	2.6	0.0	-	0.0	0.0	-

Trachurus symmetricus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	-	-	0.0	-	0.0	9.6	-	-	0.0	-	0.0
60.0	70.0	0.0	-	-	0.0	-	0.0	217.6	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	0.0	455.4	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	0.0	3.6	-	-	0.0	-	0.0
63.0	52.0	0.0	-	-	0.0	-	0.0	3.1	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	0.0	-	0.0	82.7	-	-	0.0	-	0.0

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	-	-	0.0	-	0.0	141.5	-	-	0.0	-	0.0
63.0	70.0	-	-	-	0.0	-	0.0	424.3	-	-	-	-	0.0
63.0	80.0	-	-	-	-	-	0.0	583.1	-	-	0.0	-	-
63.0	90.0	-	-	-	-	-	7.0	12.9	-	-	0.0	-	-
67.0	65.0	-	-	-	0.0	-	3.2	-	-	-	-	-	-
67.0	70.0	-	-	-	0.0	-	0.0	586.7	-	-	0.0	-	0.0
67.0	80.0	-	-	-	0.0	-	6.5	13.4	-	-	0.0	-	-
67.0	90.0	-	-	-	-	-	0.0	55.5	-	-	0.0	-	-
70.0	60.0	0.0	-	-	0.0	-	0.0	85.2	-	-	-	-	0.0
70.0	65.0	0.0	-	-	0.0	-	3.2	-	-	-	-	-	-
70.0	70.0	0.0	-	-	0.0	-	3.2	1572.5	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	0.0	-	0.0	13.2	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	18.2	20.3	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	0.0	-	0.0	6.7	-	-	0.0	-	0.0
73.0	65.0	-	-	-	-	-	3.3	-	-	-	-	-	-
73.0	70.0	-	-	-	0.0	-	0.0	36.3	-	-	0.0	-	0.0
73.0	80.0	-	-	-	0.0	-	0.0	122.1	-	-	0.0	-	-
73.0	90.0	-	-	-	0.0	-	39.7	0.0	-	-	-	-	-
77.0	55.0	-	0.0	-	0.0	-	196.0	0.0	-	-	0.0	-	0.0
77.0	60.0	-	0.0	-	0.0	-	16.1	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	0.0	-	215.8	-	-	-	-	-	-
77.0	70.0	-	-	-	0.0	-	39.5	13.5	-	-	0.0	-	0.0
77.0	80.0	0.0	-	-	0.0	-	53.6	149.2	-	-	0.0	-	-
77.0	90.0	0.0	-	-	0.0	-	9.4	6.7	-	-	0.0	-	-
80.0	51.0	-	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0	0.0	-	0.0
80.0	55.0	-	0.0	-	0.0	13.3	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	0.0	31.1	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0	65.0	-	0.0	-	0.0	26.2	9.1	59.5	0.0	0.0	0.0	-	0.0
80.0	70.0	-	0.0	-	0.0	19.7	265.9	7.2	17.3	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	0.0	198.9	2.8	0.0	0.0	3.2	0.0	-	0.0
80.0	90.0	-	0.0	-	0.0	6.2	0.0	6.4	0.0	9.5	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	0.0	-	0.0	1.8	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	0.0	-	0.0
83.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	7.0	0.0	0.0	-	0.0
83.0	60.0	-	0.0	-	0.0	0.0	115.9	13.4	0.0	5.5	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	113.2	33.5	15.7	3.2	0.0	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	25.5	16.8	0.0	0.0	0.0	-	0.0
83.0	80.0	-	0.0	-	0.0	109.5	26.6	0.0	33.0	9.7	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	17.2	8.2	35.5	0.0	6.2	0.0	-	-
87.0	33.0	-	0.0	-	-	0.0	1.6	4.9	0.0	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	5.4	9.4	0.0	15.1	0.0	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
87.0	55.0	-	0.0	-	0.0	13.2	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	13.9	156.6	9.6	6.3	0.0	0.0	-	0.0
87.0	65.0	-	3.4	-	0.0	6.2	25.8	28.6	0.0	0.0	0.0	-	0.0
87.0	70.0	-	6.2	3.4	-	232.5	0.0	81.8	20.3	0.0	0.0	-	0.0

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	80.0	-	59.4	0.0	-	25.7	12.4	32.3	0.0	5.6	0.0	-	0.0
87.0	90.0	-	6.0	6.4	-	42.5	7.8	2.9	0.0	6.1	0.0	-	-
90.0	28.0	-	0.0	0.0	-	0.0	0.0	0.0	38.9	0.0	0.0	-	0.0
90.0	30.0	-	-	-	-	-	-	-	14.8	-	-	-	-
90.0	32.0	-	0.0	0.0	-	3.4	0.0	0.0	3.8	2.9	0.0	-	0.0
90.0	37.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	6.6	23.3	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	3.2	0.0	-	0.0
90.0	53.0	-	-	0.0	-	-	2.9	0.0	-	-	0.0	-	0.0
90.0	55.0	-	0.0	-	-	9.9	-	-	0.0	0.0	-	-	-
90.0	60.0	-	117.9	3.1	-	73.4	17.2	6.2	0.0	0.0	0.0	-	0.0
90.0	65.0	-	57.6	0.0	-	0.0	40.1	3.1	0.0	0.0	0.0	-	0.0
90.0	70.0	-	277.2	0.0	-	59.5	13.1	59.3	3.1	0.0	-	-	0.0
90.0	80.0	-	0.0	6.6	-	98.3	30.9	8.4	3.2	0.0	0.0	-	0.0
90.0	90.0	-	109.5	12.3	-	63.5	26.0	32.8	10.1	3.1	0.0	-	0.0
90.0	100.0	-	601.4	-	-	-	-	2.9	-	-	0.0	-	-
93.0	27.0	0.0	0.0	-	-	0.0	0.0	6.1	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	7.4	0.0	0.0	0.0	6.2	6.5	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	6.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0
93.0	40.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	6.4	-	0.0
93.0	45.0	15.1	16.9	0.0	-	0.0	3.0	3.2	0.0	6.1	6.2	-	0.0
93.0	50.0	16.7	3.0	0.0	-	38.3	3.1	6.3	0.0	0.0	0.0	-	0.0
93.0	55.0	0.0	11.3	2.5	-	39.5	43.7	0.0	0.0	3.2	0.0	-	0.0
93.0	60.0	0.0	0.0	0.0	-	15.4	21.4	95.7	0.0	3.2	0.0	-	0.0
93.0	65.0	0.0	0.0	3.2	-	10.1	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	2.7	-	28.4	11.2	-	0.0	3.1	-	-	0.0
93.0	80.0	0.0	2.8	9.0	-	83.7	18.5	18.9	0.0	0.0	-	-	0.0
93.0	90.0	0.0	52.0	3.0	-	346.5	66.0	27.4	-	-	0.0	-	0.0
93.0	100.0	-	-	-	-	23.7	-	-	-	-	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	0.0	0.0	9.2	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	1.5	-	0.0	0.0	0.0	12.5	13.6	0.0	0.0	-	0.0
97.0	32.0	0.0	-	0.0	-	-	0.0	77.7	-	-	6.1	-	0.0
97.0	35.0	0.0	0.0	0.0	-	3.3	-	13.5	18.4	0.0	14.0	0.0	0.0
97.0	40.0	44.7	0.0	0.0	-	39.5	8.9	21.5	9.1	3.4	0.0	-	0.0
97.0	45.0	0.0	0.0	0.0	-	21.5	19.4	18.8	0.0	13.0	0.0	0.0	0.0
97.0	50.0	0.0	31.9	0.0	-	3.2	210.2	20.1	0.0	0.0	0.0	-	0.0
97.0	55.0	0.0	22.3	0.0	-	0.0	9.9	0.0	3.0	0.0	0.0	-	0.0
97.0	60.0	0.0	6.2	6.2	-	31.7	11.2	6.6	0.0	13.1	0.0	-	0.0
97.0	65.0	0.0	23.8	5.7	-	0.0	39.1	0.0	2.9	0.0	0.0	-	0.0
97.0	70.0	0.0	148.5	0.0	-	0.0	9.0	6.3	5.8	6.3	0.0	-	0.0
97.0	80.0	0.0	65.8	26.4	-	47.9	104.0	8.6	8.3	5.9	0.0	-	0.0
97.0	90.0	0.0	81.3	0.0	-	20.5	30.4	21.6	-	-	-	-	-
100.0	30.0	0.0	3.0	-	0.0	9.1	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	35.0	3.2	9.3	-	0.0	0.0	3.1	0.0	12.7	0.0	0.0	0.0	0.0
100.0	40.0	9.2	6.2	-	0.0	12.2	3.3	0.0	0.0	0.0	0.0	-	0.0
100.0	45.0	13.1	20.6	-	15.0	3.2	12.3	26.7	5.6	3.2	0.0	0.0	0.0

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	50.0	11.8	71.8	-	12.4	74.1	45.5	47.7	16.2	3.3	0.0	-	0.0
100.0	55.0	3.6	15.2	-	3.1	4.0	13.3	0.0	3.1	0.0	0.0	-	0.0
100.0	60.0	0.0	29.4	-	31.4	27.4	6.6	6.2	0.0	0.0	0.0	-	0.0
100.0	65.0	0.0	42.1	-	15.3	7.7	29.6	7.0	14.4	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	6.6	22.1	51.5	67.6	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	9.3	-	158.4	56.5	42.0	49.0	-	-	0.0	-	0.0
100.0	90.0	0.0	-	-	243.6	47.7	10.2	13.9	-	-	-	-	-
100.0	100.0	0.0	-	-	-	-	-	21.6	-	-	-	-	-
103.0	29.0	0.0	2.0	-	0.0	1.3	-	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	1.2	20.3	-	6.1	0.0	-	2.8	2.9	0.0	0.0	-	0.0
103.0	35.0	5.8	37.6	-	8.2	13.2	-	2.4	3.3	0.0	0.0	0.0	0.0
103.0	40.0	2.9	107.6	-	7.0	3.1	-	29.9	6.0	0.0	0.0	-	0.0
103.0	45.0	3.1	161.2	-	0.0	158.7	-	41.6	0.0	0.0	0.0	0.0	0.0
103.0	50.0	13.2	132.8	-	18.5	25.9	50.5	32.0	9.7	0.0	0.0	-	0.0
103.0	55.0	0.0	114.8	-	37.8	20.5	114.2	47.5	9.5	0.0	-	-	0.0
103.0	60.0	13.3	43.2	-	27.3	78.0	61.9	19.6	3.2	0.0	0.0	-	0.0
103.0	65.0	0.0	0.0	-	139.0	21.7	28.9	12.6	0.0	3.2	10.4	-	0.0
103.0	70.0	0.0	0.0	-	42.1	111.0	29.2	11.8	0.0	0.0	0.0	-	0.0
103.0	80.0	0.0	0.0	-	119.1	3.1	38.6	0.0	-	-	-	-	0.0
103.0	90.0	-	-	-	74.5	3.2	134.8	-	-	-	-	-	-
107.0	32.0	0.0	2.5	-	6.3	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	35.0	0.0	106.8	-	3.4	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	20.9	-	0.0	44.5	-	10.4	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	47.6	-	83.5	86.3	-	30.3	0.0	0.0	0.0	0.0	0.0
107.0	50.0	3.2	18.8	-	40.6	21.4	-	29.9	13.4	0.0	0.0	-	0.0
107.0	55.0	0.0	63.8	-	43.9	20.3	-	19.3	5.4	0.0	0.0	-	0.0
107.0	60.0	0.0	150.0	-	98.8	36.3	-	18.1	0.0	15.3	0.0	-	0.0
107.0	65.0	0.0	-	29.7	51.1	74.1	-	15.6	0.0	3.1	0.0	-	0.0
107.0	70.0	0.0	-	18.5	3.7	94.0	-	5.6	0.0	0.0	0.0	-	0.0
107.0	80.0	0.0	-	0.0	88.1	52.5	-	12.7	-	-	-	-	0.0
107.0	90.0	-	-	-	48.8	12.0	-	-	-	-	-	-	-
110.0	35.0	0.0	-	9.9	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	29.7	0.0	59.9	-	-	0.0	0.0	0.0	-	0.0
110.0	45.0	0.0	-	58.6	10.3	26.5	-	15.8	2.9	0.0	0.0	0.0	0.0
110.0	50.0	3.0	-	13.7	9.5	31.6	-	10.4	2.8	3.2	0.0	-	0.0
110.0	55.0	0.0	-	101.4	3.2	38.1	-	9.5	0.0	12.9	0.0	-	0.0
110.0	60.0	3.0	-	5.8	40.5	16.9	-	38.9	3.2	3.1	0.0	-	0.0
110.0	65.0	0.0	-	9.7	56.2	25.7	-	2.9	3.2	9.1	0.0	-	0.0
110.0	70.0	0.0	-	5.8	10.8	21.5	-	0.0	0.0	3.1	0.0	-	0.0
110.0	80.0	0.0	-	0.0	12.6	25.5	-	0.0	-	-	-	-	0.0
110.0	90.0	0.0	-	-	19.3	22.2	-	-	-	-	-	-	-
113.0	29.0	0.0	-	0.0	0.0	0.0	-	3.8	0.0	0.0	0.0	-	0.0
113.0	35.0	0.0	-	0.0	4.1	0.0	-	0.0	6.1	0.0	0.0	0.0	0.0
113.0	40.0	0.0	-	96.3	0.0	0.0	-	12.1	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	2.9	0.0	20.5	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	25.6	0.0	6.6	-	9.7	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	55.0	0.0	-	71.7	0.0	12.5	-	6.3	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	6.5	14.9	0.0	0.0	-	0.0
113.0	65.0	0.0	-	3.3	0.0	6.8	-	0.0	3.7	0.0	0.0	-	0.0
113.0	70.0	0.0	-	0.0	3.2	12.6	-	12.6	0.0	0.0	0.0	-	0.0
113.0	80.0	0.0	-	-	3.0	0.0	-	0.0	-	-	-	-	0.0
117.0	40.0	0.0	-	0.0	147.2	12.8	-	0.0	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	23.4	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0
117.0	50.0	0.0	-	2.9	0.0	0.0	-	0.0	3.2	0.0	0.0	-	0.0
117.0	55.0	0.0	-	3.1	3.7	0.0	-	9.7	0.0	0.0	0.0	-	0.0
117.0	60.0	0.0	-	0.0	11.7	0.0	-	15.4	0.0	0.0	0.0	-	0.0
117.0	65.0	0.0	-	6.3	179.6	0.0	-	9.8	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	9.5	0.0	-	6.6	0.0	0.0	0.0	-	0.0
117.0	80.0	0.0	-	-	32.1	0.0	-	0.0	-	-	-	-	0.0
118.0	39.0	-	-	-	0.0	10.0	-	3.1	0.0	0.0	0.0	-	0.0
120.0	50.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	55.0	0.0	-	6.3	0.0	0.0	-	13.0	0.0	-	0.0	-	0.0
120.0	60.0	0.0	-	8.7	7.2	0.0	-	6.2	0.0	-	-	-	0.0
120.0	65.0	0.0	-	-	22.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	70.0	0.0	-	-	17.0	31.0	-	6.0	0.0	-	0.0	-	0.0
120.0	80.0	0.0	-	-	3.5	49.8	-	2.9	-	-	-	-	0.0
130.0	50.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	0.0	0.0
130.0	80.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-

Caristius macropus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.1	-	0.0

Coryphaena hippurus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	2.7	-	0.0	0.0	0.0
137.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
137.0	45.0	-	0.0	-	0.0	0.0	-	-	0.0	-	2.8	-	-
150.0	60.0	-	-	-	-	-	-	-	-	-	-	3.1	-

Gerreidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	1.7	0.0	-	0.0
120.0	24.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	8.0	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	5.6	0.0	0.0	0.0

TABLE 4. (cont.)

Gerreidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.2	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	28.8	0.0	0.0	-	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	17.8	-	0.0	0.0	0.0
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	2.8	-	0.0	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	0.0	9.5	-	0.0	0.0	0.0
137.0	22.0	-	0.0	-	0.0	0.0	-	0.0	47.4	-	0.0	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	2.8	0.0
143.0	26.0	-	-	-	-	-	-	-	-	-	-	2.5	-

Haemulidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	23.5	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	-	0.0
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	82.5	-	0.0	0.0	0.0
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	0.0	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	94.4	-	0.0	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	30.5	-	0.0	0.0	0.0
133.0	23.0	-	0.0	-	0.0	0.0	-	75.9	163.0	-	0.0	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	55.0	3.2	-	0.0	0.0	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	5.3	0.0	-	0.0	0.0	0.0
137.0	22.0	-	0.0	-	0.0	0.0	-	105.5	8.4	-	0.0	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	5.4	24.5	-	0.0	0.0	0.0
143.0	26.0	-	-	-	-	-	-	-	-	-	-	2.5	-

Girella nigricans

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	-	0.0	-	0.0	0.0	5.4	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	13.7	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	6.1	0.0	0.0	0.0	0.0	-	0.0

Medialuna californiensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	-	-	-	0.0	-	0.0	3.0	-	-	0.0	-	0.0
77.0	70.0	-	-	-	0.0	-	6.1	0.0	-	-	0.0	-	0.0
80.0	70.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	1.6	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Medialuna californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	55.0	–	0.0	–	0.0	0.0	0.0	7.1	0.0	0.0	0.0	–	0.0
87.0	65.0	–	0.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	0.0
87.0	90.0	–	0.0	0.0	–	0.0	0.0	2.9	0.0	0.0	0.0	–	–
90.0	60.0	–	0.0	0.0	–	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0
93.0	40.0	0.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	3.2	–	0.0
97.0	30.0	0.0	0.0	–	0.0	0.0	3.1	0.0	2.7	0.0	0.0	–	0.0
97.0	35.0	0.0	0.0	0.0	–	0.0	–	5.4	0.0	0.0	0.0	0.0	0.0
97.0	50.0	0.0	0.0	0.0	–	0.0	0.0	6.7	0.0	0.0	0.0	–	0.0
97.0	70.0	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	0.0	–	0.0
97.0	80.0	0.0	0.0	0.0	–	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0
100.0	40.0	0.0	0.0	–	0.0	0.0	0.0	0.0	5.7	0.0	0.0	–	0.0
107.0	80.0	0.0	–	0.0	0.0	0.0	–	3.2	–	–	–	–	0.0
110.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	0.0	–	0.0
110.0	60.0	0.0	–	0.0	0.0	0.0	–	0.0	3.2	0.0	0.0	–	0.0
113.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	3.2	0.0	0.0	0.0	0.0
117.0	40.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0	2.9	–	0.0

Caulolatilus princeps

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	70.0	0.0	–	0.0	0.0	0.0	–	2.9	0.0	0.0	0.0	–	0.0
113.0	40.0	0.0	–	0.0	0.0	0.0	–	6.0	0.0	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	2.9	–	0.0	0.0	0.0
127.0	65.0	–	0.0	–	–	0.0	–	2.8	–	–	–	–	–
137.0	30.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0	0.0	0.0

Sciaenidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	152.6	–	–	0.0	–	0.0	0.0	–	–	4.5	–	122.0
60.0	52.0	81.5	–	–	0.0	–	0.0	0.0	–	–	0.0	–	35.7
60.0	55.0	2.8	–	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
63.0	50.0	75.5	–	–	0.0	–	0.0	0.0	–	–	9.9	–	261.4
63.0	52.0	0.0	–	–	0.0	–	0.0	0.0	–	–	2.9	–	36.5
67.0	48.0	46.9	–	–	7.7	–	0.0	–	–	–	0.0	–	67.5
67.0	50.0	2.8	–	–	52.0	–	0.0	0.0	–	–	2.9	–	5.7
67.0	55.0	2.9	–	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
67.0	60.0	2.5	–	–	0.0	–	0.0	0.0	–	–	–	–	0.0
70.0	51.0	15.4	–	–	2.9	–	0.0	0.0	–	–	0.0	–	0.0
70.0	53.0	3.4	–	–	12.0	–	0.0	0.0	–	–	0.0	–	0.0
73.0	50.0	–	11.4	–	5.4	–	0.0	0.0	–	–	0.0	–	0.0
77.0	48.0	76.4	–	–	9.3	–	0.0	0.0	–	–	4.4	–	11.5
77.0	51.0	0.0	–	–	2.9	–	0.0	0.0	–	–	0.0	–	0.0
80.0	51.0	–	8.7	–	0.0	0.0	54.9	0.0	0.0	0.0	0.0	–	3.0

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	52.0	-	1.6	-	0.0	0.0	0.0	3.6	0.0	0.0	0.0	-	0.0
80.0	55.0	-	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
82.0	47.0	-	0.0	-	9.2	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
83.0	40.0	-	20.4	-	21.5	0.0	141.8	-	1.2	1.8	0.0	-	0.0
83.0	43.0	-	8.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	19.1
87.0	33.0	-	109.5	-	-	0.0	4.9	0.0	11.4	0.0	0.0	-	0.0
87.0	35.0	-	5.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	45.0
87.0	55.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	19.3	0.0	74.3	0.0	0.0	-	0.0
90.0	30.0	-	-	-	-	-	-	-	3.7	-	-	-	-
90.0	32.0	-	0.0	0.0	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	14.9	111.6	-	-	0.0	84.6	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	5.1	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	20.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	6.7	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	17.0	13.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.2
97.0	30.0	34.3	4.5	-	2.2	0.0	0.0	3.1	0.0	0.0	0.0	-	2.0
97.0	32.0	10.2	-	0.0	-	-	0.0	0.0	-	-	0.0	-	0.0
100.0	29.0	2.3	4.4	-	6.0	8.7	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	11.2	12.2	-	5.7	0.0	3.3	0.0	0.0	0.0	0.0	-	2.7
100.0	35.0	0.0	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	40.0	0.0	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	12.8	2.0	-	0.0	1.3	-	0.8	0.0	0.0	0.0	-	1.1
107.0	31.0	5.2	45.1	-	0.0	0.0	-	5.8	8.0	0.0	0.0	-	0.0
107.0	32.0	0.0	2.5	-	0.0	0.0	-	3.0	0.0	0.0	0.0	-	0.0
110.0	32.0	11.3	-	4.3	1.7	0.0	-	0.0	0.0	0.0	0.0	-	17.6
110.0	41.0	-	-	-	-	-	-	2.6	-	-	-	-	-
113.0	29.0	0.9	-	0.0	0.0	0.0	-	0.0	3.5	0.0	0.0	-	25.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	2.2	2.6	0.0	0.0	0.0	0.0
113.0	35.0	0.0	-	0.0	0.0	2.8	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	5.1	0.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0
118.0	39.0	-	-	-	0.0	0.0	-	3.1	0.0	0.0	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	3.0	-	3.1	0.0	0.0	0.0	0.0	0.0
120.0	35.0	5.7	-	0.0	0.0	0.0	-	2.8	2.5	0.0	0.0	0.0	0.0
120.0	40.0	0.0	-	4.1	0.0	0.0	-	1.6	0.0	0.0	0.0	-	0.0
120.0	45.0	0.0	-	3.3	0.0	0.0	-	0.0	5.7	-	0.0	0.0	0.0
120.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	-	-	-	0.0
123.0	42.0	-	-	-	0.0	-	-	0.0	-	-	3.1	-	0.0
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	7.7	-	13.4	-	0.0
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	5.5	0.0	0.0

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	50.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0	0.0	0.0
127.0	65.0	-	0.0	-	-	0.0	-	5.7	-	-	-	-	-
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	20.6	-	0.0	-	8.3
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	17.8	-	0.0	0.0	0.0
133.0	23.0	-	0.0	-	0.0	0.0	-	70.5	8.4	-	2.3	-	4.6
133.0	25.0	-	0.0	-	0.0	0.0	-	30.3	0.0	-	17.6	0.0	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	0.0	0.0
137.0	22.0	-	0.0	-	13.6	0.0	-	48.5	22.3	-	29.5	-	6.0
137.0	23.0	-	0.0	-	0.0	0.0	-	57.1	40.8	-	10.4	11.2	2.1
137.0	30.0	-	6.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
143.0	26.0	-	-	-	-	-	-	-	-	-	-	15.1	-
144.5	23.0	-	-	-	-	-	-	-	-	-	-	2.9	-
153.0	16.0	-	-	-	-	-	-	-	-	-	-	3.1	-
153.0	40.0	-	-	-	-	-	-	-	-	-	-	2.9	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	2.9	-

Serranidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	16.1	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	28.5	0.0	2.9	0.0	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	6.8	-	1.2	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	10.7	0.0	16.1	0.0	0.0	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	10.6	2.7	0.0	-	0.0
83.0	55.0	-	0.0	-	0.0	0.0	0.0	6.8	0.0	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	11.4	0.0	0.0	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
87.0	50.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	6.1	0.0	-	0.0
87.0	55.0	-	0.0	-	0.0	0.0	0.0	7.1	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	13.8	0.0	77.9	0.0	3.1	-	0.0
90.0	30.0	-	-	-	-	-	-	-	14.8	-	-	-	-
90.0	37.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	13.7	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	30.7	0.0	0.0	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	0.0	5.8	4.1	2.8	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	10.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	0.0	-	0.0	1.6	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	1.4	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.5	0.0	-	0.0
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.2	0.0	-	0.0
113.0	29.0	0.0	-	0.0	0.0	0.0	-	9.0	4.7	0.0	3.5	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	4.5	2.6	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Serranidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	25.0	0.0	-	0.0	0.0	0.0	-	11.3	5.3	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	8.9	0.0	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	3.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	5.1	3.1	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	9.9	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	18.7	0.0	0.0	0.0	0.0	0.0
118.0	39.0	-	-	-	0.0	0.0	-	21.6	0.0	0.0	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	37.2	2.9	3.1	0.0	0.0	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	1.9	0.0	0.0	2.6	0.0	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	14.6	0.0	0.0	0.0	0.0	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	13.9	0.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	4.1	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	5.7	-	0.0	0.0	0.0
123.0	36.0	0.0	-	-	0.0	0.0	-	1.4	0.0	-	0.0	-	0.0
123.0	37.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	9.6	-	-	0.0	-
123.0	45.0	3.1	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	120.3	-	0.0	-	0.0
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	18.6	-	0.0	0.0	0.0
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1	0.0	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0
127.0	60.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	0.0	0.0
127.0	65.0	-	0.0	-	-	0.0	-	2.8	-	-	-	-	-
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	44.3	-	4.6	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	7.6	-	0.0	0.0	0.0
131.5	37.5	-	-	-	-	-	-	-	-	-	-	2.7	-
133.0	23.0	-	0.0	-	0.0	0.0	-	35.2	213.6	-	28.0	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	5.5	12.6	-	22.7	25.8	0.0
133.0	45.0	-	0.0	-	0.0	0.0	-	0.0	6.6	-	0.0	-	-
137.0	22.0	-	0.0	-	0.0	0.0	-	8.4	80.9	-	40.9	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	136.0	-	14.6	78.1	0.0
140.0	30.0	-	-	-	-	-	-	-	-	-	-	16.9	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	5.9	-
144.5	23.0	-	-	-	-	-	-	-	-	-	-	2.9	-
147.0	30.0	-	-	-	-	-	-	-	-	-	-	3.1	-
150.0	25.0	-	-	-	-	-	-	-	-	-	-	3.0	-
153.0	16.0	-	-	-	-	-	-	-	-	-	-	6.1	-

Polynemidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	23.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0

TABLE 4. (cont.)

Gempylidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	50.0	–	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0	0.0	0.0
143.0	40.0	–	–	–	–	–	–	–	–	–	–	3.1	–
147.0	50.0	–	–	–	–	–	–	–	–	–	–	6.0	–
147.0	60.0	–	–	–	–	–	–	–	–	–	–	6.1	–
153.0	40.0	–	–	–	–	–	–	–	–	–	–	5.8	–
153.0	50.0	–	–	–	–	–	–	–	–	–	–	11.6	–
153.0	60.0	–	–	–	–	–	–	–	–	–	–	6.1	–

Auxis spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	45.0	0.0	–	–	0.0	0.0	–	0.0	19.1	–	0.0	–	0.0
123.0	50.0	0.0	–	–	0.0	0.0	–	0.0	6.1	–	0.0	0.0	0.0
133.0	23.0	–	0.0	–	0.0	0.0	–	0.0	171.4	–	0.0	–	0.0
133.0	25.0	–	0.0	–	0.0	0.0	–	0.0	25.2	–	0.0	0.0	0.0

Sarda chiliensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	–	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0
93.0	27.0	0.0	0.0	–	–	0.0	8.2	0.0	0.0	0.0	0.0	–	0.0
93.0	28.0	0.0	0.0	0.0	–	0.0	11.7	0.0	0.0	0.0	0.0	–	0.0
97.0	29.0	0.0	0.0	–	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0
97.0	30.0	0.0	0.0	–	0.0	0.0	6.1	0.0	0.0	0.0	0.0	–	0.0
100.0	29.0	0.0	0.0	–	0.0	0.0	14.5	0.0	0.0	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	0.0	0.0	0.0	2.4	0.0	0.0	0.0	–	0.0
103.0	29.0	0.0	0.0	–	0.0	0.0	–	0.8	0.0	0.0	0.0	–	0.0
113.0	35.0	0.0	–	0.0	0.0	25.0	–	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	–	0.0	0.0	0.0	–	3.0	0.0	0.0	0.0	–	0.0
113.0	45.0	0.0	–	0.0	0.0	3.4	–	0.0	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	–	0.0	0.0	12.8	–	3.3	0.0	0.0	0.0	–	0.0
117.0	45.0	0.0	–	0.0	0.0	0.0	–	6.2	0.0	0.0	0.0	0.0	0.0
117.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	–	0.0
118.0	39.0	–	–	–	0.0	16.6	–	3.1	0.0	0.0	0.0	–	0.0
120.0	35.0	0.0	–	0.0	0.0	0.0	–	5.5	0.0	0.0	0.0	0.0	0.0
120.0	45.0	0.0	–	0.0	0.0	3.7	–	0.0	0.0	–	0.0	0.0	0.0
120.0	55.0	0.0	–	0.0	0.0	0.0	–	2.6	0.0	–	0.0	–	0.0
123.0	42.0	–	–	–	5.2	–	–	0.0	–	–	0.0	–	0.0
123.0	45.0	0.0	–	–	0.0	23.7	–	0.0	0.0	–	0.0	–	0.0
130.0	40.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	0.0	0.0	0.0
130.0	45.0	–	0.0	–	17.7	0.0	–	0.0	0.0	–	0.0	–	0.0
130.0	50.0	–	0.0	–	10.6	0.0	–	0.0	0.0	–	0.0	0.0	0.0
133.0	35.0	–	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0
137.0	30.0	–	0.0	–	12.4	0.0	–	0.0	0.0	–	0.0	0.0	0.0

TABLE 4. (cont.)

Sarda chiliensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	35.0	-	0.0	-	6.5	15.8	-	0.0	0.0	-	0.0	0.0	0.0

Scomber japonicus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	-	0.0	-	0.0	0.0	37.0	0.0	2.9	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	2.7	0.0	3.2	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	0.0	4.9	0.0	2.6	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	0.0	6.2	0.0	12.1	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.4	0.0	-	0.0
90.0	30.0	-	-	-	-	-	-	-	3.7	-	-	-	-
90.0	53.0	-	-	0.0	-	-	31.8	0.0	-	-	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	8.2	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	0.0	5.8	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	61.4	3.1	0.0	0.0	0.0	-	0.0
97.0	32.0	0.0	-	0.0	-	-	0.0	3.4	-	-	0.0	-	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	10.8	0.0	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	3.6	10.6	0.0	0.0	-	-	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	2.5	-	0.0	0.0	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	11.3	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	0.0	-	0.0	0.0	-	3.3	0.0	0.0	0.0	-	0.0
103.0	65.0	0.0	164.7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	15.9	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	0.0	0.0	-	0.0	2.0	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	3.5	-	9.6	0.0	0.0	0.0	0.0	0.0
110.0	35.0	0.0	-	0.0	0.0	30.5	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	14.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	27.7	-	0.0	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	6.8	-	0.0	0.0	0.0	0.0	-	0.0
113.0	29.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	1.5	0.0	-	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	6.0	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	266.0	-	0.0	19.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	16.1	0.0	0.0	0.0	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	2.7	0.0	0.0	-	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	11.3	0.0	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	35.5	2.5	0.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	7.7	0.0	0.0	0.0	0.0	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	9.4	0.0	0.0	0.0	0.0	0.0
118.0	39.0	-	-	-	0.0	0.0	-	61.8	0.0	0.0	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	12.4	0.0	0.0	0.0	0.0	0.0
120.0	24.0	0.0	-	0.0	0.0	0.0	-	1.3	11.6	0.0	0.0	-	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	8.3	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Scomber japonicus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	–	0.0	0.0	0.0	–	5.5	0.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	–	0.0	0.0	0.0	–	3.2	2.1	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	5.7	–	0.0	0.0	0.0
120.0	55.0	0.0	–	0.0	0.0	0.0	–	20.8	3.2	–	0.0	–	0.0
123.0	36.0	0.0	–	–	0.0	0.0	–	2.8	0.0	–	0.0	–	0.0
127.0	34.0	–	0.0	–	0.0	0.0	–	0.0	5.3	–	0.0	0.0	0.0
133.0	23.0	–	0.0	–	0.0	0.0	–	19.0	87.1	–	0.0	–	0.0
133.0	25.0	–	0.0	–	0.0	0.0	–	8.3	12.6	–	0.0	0.0	0.0
137.0	22.0	–	6.1	–	0.0	0.0	–	0.0	2.8	–	27.2	–	8.0
137.0	23.0	–	4.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	10.7

Scomberomorus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	22.0	–	0.0	–	0.0	0.0	–	2.1	8.4	–	0.0	–	0.0
137.0	23.0	–	0.0	–	0.0	0.0	–	0.0	57.1	–	0.0	0.0	0.0

Trichiuridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	30.0	0.0	1.5	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
97.0	32.0	0.0	–	0.0	–	–	0.0	0.0	–	–	0.0	–	2.5
97.0	90.0	0.0	2.7	0.0	–	0.0	0.0	0.0	–	–	–	–	–
100.0	35.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
100.0	90.0	2.9	–	–	0.0	0.0	0.0	0.0	–	–	–	–	–
107.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	3.3	0.0	0.0	–	0.0
107.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.1
110.0	35.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	0.0	0.0	0.0
110.0	41.0	–	–	–	–	–	–	2.6	–	–	–	–	–
110.0	55.0	0.0	–	3.3	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
110.0	70.0	0.0	–	0.0	0.0	3.1	–	0.0	0.0	0.0	0.0	–	0.0
113.0	30.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	1.7	0.0	0.0	0.0
113.0	35.0	0.0	–	0.0	0.0	0.0	–	6.5	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	–	0.0	0.0	0.0	–	3.0	0.0	3.2	0.0	–	0.0
113.0	45.0	0.0	–	0.0	0.0	3.4	–	0.0	0.0	3.0	0.0	0.0	0.0
113.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	3.2	0.0	0.0	–	0.0
113.0	60.0	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0	0.0	–	2.8
113.0	65.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	0.0	–	0.0
117.0	35.0	0.0	–	0.0	0.0	0.0	–	18.0	0.0	9.8	0.0	0.0	0.0
117.0	40.0	0.0	–	0.0	0.0	0.0	–	6.6	0.0	0.0	0.0	–	0.0
117.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	3.2	11.2	0.0	0.0
117.0	50.0	0.0	–	0.0	0.0	0.0	–	0.0	6.5	0.0	37.0	–	0.0
117.0	55.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	2.9	6.5	–	2.8
117.0	60.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	8.8	0.0	–	2.9

TABLE 4. (cont.)

Trichiuridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.1	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.1	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	6.2	0.0	0.0	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	5.7	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	77.2	-	0.0	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.8
120.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	6.4	-	0.0	-	0.0
123.0	36.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	1.9	-	0.0
123.0	40.0	9.4	-	-	-	0.0	-	-	22.4	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	2.6	-	-	0.0	-	0.0
123.0	50.0	0.0	-	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	55.0	0.0	-	-	6.7	0.0	-	0.0	0.0	-	0.0	-	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.7
123.0	70.0	2.5	-	-	-	0.0	-	0.0	-	-	-	-	-
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.8	0.0	2.6
127.0	40.0	-	5.1	-	0.0	0.0	-	0.0	0.0	-	9.4	0.0	0.0
127.0	45.0	-	13.1	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	9.7	0.0	-	8.1	0.0	0.0
127.0	55.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	2.7	0.0	0.0
127.0	65.0	-	0.0	-	-	0.0	-	2.8	-	-	-	-	-
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	2.5
130.0	35.0	-	11.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	2.4	0.0	0.0
130.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	0.0	0.0
130.0	55.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	8.4	0.0	0.0
133.0	30.0	-	3.3	-	0.0	0.0	-	0.0	6.2	-	2.8	0.0	0.0
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	31.5	-	0.0	-	0.0
133.0	40.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	50.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0	0.0	-
137.0	40.0	-	0.0	-	0.0	0.0	-	0.0	6.0	-	0.0	0.0	0.0
137.0	55.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	-	-

Sphyraena argentea

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	-	0.0	-	0.0	0.0	6.8	-	2.3	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	1.6	0.0	8.6	0.0	0.0	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	0.0	46.9	10.1	10.6	0.0	0.0	-	0.0
90.0	32.0	-	0.0	0.0	-	0.0	0.0	3.3	3.8	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	237.5	3.0	10.8	0.0	0.0	-	0.0
93.0	28.0	0.0	2.6	0.0	-	0.0	119.7	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	14.6	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Sphyraena argentea (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	30.0	0.0	0.0	-	0.0	0.0	21.5	0.0	2.7	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	6.6	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	4.1	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	1.3	0.0	0.0	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	6.7	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	9.7	0.0	0.0	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	2.6	-	0.0	-	0.0
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	8.0	-	0.0	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	45.0	-	0.0	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	8.4	0.0
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
137.0	45.0	-	0.0	-	0.0	0.0	-	-	11.3	-	0.0	-	-

Icichthys lockingtoni

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	-	-	0.0	-	0.0	6.1	-	-	0.0	-	0.0
60.0	60.0	0.0	-	-	0.0	-	11.3	6.4	-	-	3.1	-	0.0
60.0	65.0	0.0	-	-	3.0	-	19.4	-	-	-	-	-	-
60.0	70.0	0.0	-	-	3.0	-	0.0	51.2	-	-	0.0	-	3.0
60.0	80.0	0.0	-	-	-	-	9.0	22.6	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	0.0	3.6	-	-	0.0	-	0.0
63.0	52.0	2.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	0.0	-	0.0	30.1	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	0.0	-	0.0	3.3	-	-	2.9	-	0.0
63.0	65.0	-	-	-	26.3	-	17.0	-	-	-	-	-	-
63.0	70.0	-	-	-	11.1	-	2.9	38.3	-	-	-	-	0.0
63.0	80.0	-	-	-	-	-	0.0	17.1	-	-	0.0	-	-
63.0	90.0	-	-	-	-	-	3.5	0.0	-	-	0.0	-	-
67.0	48.0	0.0	-	-	0.0	-	5.8	-	-	-	0.0	-	0.0
67.0	50.0	0.0	-	-	2.9	-	0.0	0.0	-	-	0.0	-	2.9
67.0	55.0	0.0	-	-	0.0	-	6.1	0.0	-	-	3.1	-	0.0
67.0	58.0	-	-	-	-	-	-	-	-	-	9.5	-	-
67.0	60.0	0.0	-	-	6.0	-	9.2	7.2	-	-	-	-	0.0
67.0	70.0	-	-	-	20.6	-	6.5	48.6	-	-	17.1	-	0.0
67.0	80.0	-	-	-	27.8	-	6.5	0.0	-	-	0.0	-	-
67.0	90.0	-	-	-	-	-	3.2	0.0	-	-	0.0	-	-
70.0	53.0	0.0	-	-	0.0	-	3.1	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	0.0	-	0.0	24.9	-	-	-	-	0.0
70.0	65.0	0.0	-	-	5.8	-	3.2	-	-	-	-	-	-
70.0	70.0	0.0	-	-	17.4	-	6.4	6.2	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	12.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	90.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Icichthys lockingtoni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	-	0.0	-	5.4	-	0.0	0.0	-	-	0.0	-	0.0
73.0	53.0	-	0.0	-	8.9	-	10.0	0.0	-	-	0.0	-	0.0
73.0	60.0	-	6.2	-	14.3	-	19.0	10.1	-	-	0.0	-	0.0
73.0	65.0	-	-	-	-	-	3.3	-	-	-	-	-	-
73.0	70.0	-	-	-	19.6	-	16.0	3.6	-	-	0.0	-	0.0
73.0	80.0	-	-	-	8.3	-	9.4	3.3	-	-	0.0	-	-
73.0	90.0	-	-	-	8.6	-	9.9	0.0	-	-	-	-	-
77.0	51.0	0.0	-	-	0.0	-	10.1	0.0	-	-	0.0	-	0.0
77.0	55.0	-	0.0	-	0.0	-	10.5	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	5.3	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	-	2.7	-	0.0	0.0	-	-	0.0	-	0.0
77.0	80.0	6.5	-	-	25.6	-	10.1	0.0	-	-	0.0	-	-
77.0	90.0	6.9	-	-	19.9	-	0.0	0.0	-	-	3.2	-	-
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	6.4	0.0	0.0	-	0.0
80.0	60.0	-	3.4	-	0.0	3.5	2.8	0.0	6.6	3.2	0.0	-	0.0
80.0	65.0	-	3.3	-	0.0	3.3	0.0	9.4	0.0	0.0	0.0	-	0.0
80.0	70.0	-	3.9	-	0.0	3.3	0.0	0.0	3.5	0.0	0.0	-	0.0
80.0	80.0	-	1.5	-	0.0	13.7	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	1.6	-	2.8	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	5.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	1.6	-	6.0	0.0	8.3	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	8.0	-	0.0	3.4	6.1	16.8	3.1	0.0	0.0	-	0.0
83.0	70.0	-	0.0	-	3.1	0.0	0.0	3.3	0.0	3.0	0.0	-	0.0
83.0	80.0	-	0.0	-	16.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	3.4	0.0	0.0	0.0	0.0	0.0	-	-
87.0	60.0	-	0.0	-	4.0	0.0	8.7	0.0	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	0.0	9.5	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	3.4	-	0.0	0.0	0.0	6.8	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	3.5	0.0	0.0	0.0	0.0	0.0	-	-
90.0	45.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
90.0	60.0	-	0.0	3.1	-	0.0	2.9	3.1	0.0	0.0	0.0	-	0.0
90.0	65.0	-	6.4	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	90.0	-	0.0	4.9	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	45.0	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	50.0	0.0	3.0	3.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	65.0	2.9	0.0	3.2	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	-	-	0.0
97.0	50.0	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	80.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
100.0	55.0	0.0	6.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	0.0	-	0.0
103.0	60.0	2.7	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0

TABLE 4. (cont.)

Nomeidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	-	0.0
130.0	45.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0

Peprilus simillimus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	-	-	0.0	-	0.0	13.2	-	-	0.0	-	0.0
67.0	70.0	-	-	-	0.0	-	0.0	6.1	-	-	0.0	-	0.0
73.0	53.0	-	3.6	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	0.0	6.5	0.0	0.0	0.0	3.5	-	0.0
80.0	52.0	-	0.0	-	0.0	0.0	9.2	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	5.7	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	70.2	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	3.5	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
87.0	33.0	-	1.7	-	-	0.0	3.3	0.0	2.9	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	3.2	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.7
90.0	28.0	-	0.0	0.0	-	13.2	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	0.0	0.0	-	41.2	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	58.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	27.5	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	13.4	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	5.3	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	40.0	0.0	6.9	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
113.0	29.0	0.0	-	0.0	0.0	0.0	-	1.3	2.3	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	6.8	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	7.5	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	35.0	2.8	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	3.5	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
119.0	33.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	24.0	25.0	-	2.5	2.3	0.0	-	0.0	0.0	0.0	0.0	-	0.0
120.0	25.0	16.6	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	30.0	5.4	-	0.0	0.0	0.0	-	2.1	0.0	0.0	0.0	0.0	0.0
120.0	35.0	31.2	-	0.0	0.0	0.0	-	5.5	0.0	0.0	0.0	0.0	0.0
120.0	40.0	23.4	-	5.4	0.0	2.8	-	0.0	0.0	0.0	0.0	-	0.0
120.0	45.0	0.0	-	6.6	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	40.0	-	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	0.0
133.0	23.0	-	10.1	-	3.0	0.0	-	0.0	0.0	-	0.0	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	2.9	0.0
137.0	23.0	-	0.0	-	4.2	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	35.0	-	11.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0

TABLE 4. (cont.)

Tetragonurus cuvieri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	-	-	-	0.0	-	0.0	9.6	-	-	-	-	0.0
63.0	90.0	-	-	-	-	-	0.0	3.2	-	-	0.0	-	-
67.0	48.0	0.0	-	-	0.0	-	2.9	-	-	-	0.0	-	0.0
67.0	80.0	-	-	-	0.0	-	6.5	6.7	-	-	0.0	-	-
73.0	80.0	-	-	-	0.0	-	0.0	3.3	-	-	0.0	-	-
77.0	90.0	0.0	-	-	0.0	-	0.0	3.3	-	-	0.0	-	-
80.0	70.0	-	3.4	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
80.0	90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.2	-	0.0
83.0	80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	-
87.0	55.0	-	0.0	-	0.0	0.0	0.0	3.5	0.0	0.0	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	-
90.0	60.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
90.0	80.0	-	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0
90.0	110.0	-	-	-	-	-	-	-	-	-	0.0	-	3.1
90.0	120.0	-	-	-	-	-	-	-	-	-	5.7	-	6.3
90.0	130.0	-	-	-	-	-	-	-	-	-	-	-	3.0
93.0	60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.4	-	0.0
93.0	65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	9.8	0.0	-	0.0
93.0	70.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	3.1	-	-	9.8
93.0	90.0	0.0	0.0	0.0	-	1.9	0.0	0.0	-	-	0.0	-	0.0
93.0	120.0	-	-	-	-	-	-	-	-	-	3.1	-	3.2
94.0	78.0	-	-	-	-	-	-	-	-	-	2.8	-	-
97.0	50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	2.7
97.0	55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	15.1	0.0	-	2.5
97.0	70.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.3	0.0	-	0.0
100.0	40.0	0.0	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	3.4	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	2.8	0.0	0.0
100.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0
100.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	12.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	5.9	3.2	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	21.7	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	10.6	-	0.0
100.0	80.0	0.0	0.0	-	0.0	0.0	6.5	0.0	-	-	0.0	-	0.0
100.0	90.0	0.0	-	-	0.0	0.0	0.0	3.5	-	-	-	-	-
103.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	0.0	2.5	0.0	3.2	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
103.0	80.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	-	-	-	2.7
107.0	35.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	0.0	0.0	0.0	0.0
107.0	45.0	0.0	0.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	7.6	-	0.0
107.0	65.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	7.2	-	0.0
107.0	80.0	0.0	-	0.0	0.0	0.0	-	0.0	-	-	-	-	5.9
110.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0

TABLE 4. (cont.)

Tetragonurus cuvieri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.1	3.1	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	15.1	24.7	-	0.0
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.4	-	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	13.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	5.8	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
113.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	3.7	0.0	0.0	-	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.8	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	3.1	0.0	0.0	0.0	-	0.0
123.0	60.0	3.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0

Chiasmodontidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	65.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
100.0	65.0	0.0	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	70.0	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
100.0	80.0	3.7	0.0	-	3.6	0.0	0.0	0.0	-	-	0.0	-	0.0
103.0	45.0	3.1	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
103.0	50.0	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	65.0	0.0	3.0	-	2.8	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
103.0	70.0	0.0	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	3.6	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
107.0	55.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	70.0	3.0	-	3.1	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	80.0	3.1	-	0.0	0.0	0.0	-	0.0	-	-	-	-	0.0
107.0	90.0	-	-	-	8.6	0.0	-	-	-	-	-	-	-
110.0	45.0	0.0	-	0.0	0.0	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	60.0	3.0	-	2.9	3.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	80.0	0.0	-	3.1	3.1	0.0	-	0.0	-	-	-	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0
117.0	70.0	0.0	-	0.0	3.2	0.0	-	0.0	0.0	0.0	0.0	-	0.0
120.0	50.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	60.0	0.0	-	0.0	3.6	0.0	-	0.0	0.0	-	-	-	0.0
120.0	80.0	2.9	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
123.0	50.0	0.0	-	-	0.0	6.7	-	0.0	0.0	-	0.0	0.0	0.0

TABLE 4. (cont.)

Chiasmodontidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	55.0	0.0	-	-	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0
123.0	60.0	0.0	-	-	0.0	6.6	-	0.0	0.0	-	0.0	0.0	0.0
123.0	80.0	2.9	-	-	-	-	-	0.0	-	-	-	-	-
127.0	45.0	-	0.0	-	0.0	0.0	-	0.0	2.6	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	13.1	-	0.0	0.0	-	0.0	0.0	0.0
127.0	60.0	-	0.0	-	3.0	18.2	-	0.0	0.0	-	0.0	0.0	0.0
127.0	70.0	-	0.0	-	-	10.0	-	0.0	-	-	-	-	-
130.0	40.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	0.0	0.0	0.0
130.0	45.0	-	0.0	-	0.0	6.8	-	0.0	0.0	-	0.0	-	0.0
130.0	50.0	-	0.0	-	0.0	7.1	-	0.0	0.0	-	0.0	0.0	0.0
130.0	55.0	-	0.0	-	0.0	7.0	-	0.0	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0	0.0	0.0
130.0	80.0	-	0.0	-	-	-	-	5.4	-	-	-	-	-
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	3.5	-	0.0	-	0.0
133.0	40.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0	0.0	0.0
133.0	55.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0	-	-
133.0	60.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0	0.0	-
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	49.4	-	0.0	0.0	0.0
137.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.8	0.0	-
137.0	60.0	-	0.0	-	3.7	0.0	-	0.0	0.0	-	0.0	0.0	-
143.0	60.0	-	-	-	-	-	-	-	-	-	-	3.2	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	3.2	-
153.0	50.0	-	-	-	-	-	-	-	-	-	-	2.9	-

Citharichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	7.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	7.3
60.0	52.0	13.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	5.1
60.0	55.0	19.7	-	-	0.0	-	0.0	0.0	-	-	23.8	-	2.6
60.0	60.0	3.0	-	-	0.0	-	0.0	35.1	-	-	12.5	-	5.5
60.0	70.0	0.0	-	-	0.0	-	4.1	0.0	-	-	33.5	-	17.8
60.0	80.0	0.0	-	-	-	-	0.0	0.0	-	-	7.5	-	6.0
60.0	90.0	0.0	-	-	-	-	0.0	0.0	-	-	0.0	-	2.4
63.0	52.0	6.5	-	-	0.0	-	0.0	0.0	-	-	17.3	-	21.9
63.0	55.0	0.0	-	-	0.0	-	0.0	26.3	-	-	3.2	-	17.6
63.0	60.0	0.0	-	-	3.2	-	19.4	9.9	-	-	0.0	-	3.1
63.0	65.0	-	-	-	23.4	-	2.8	-	-	-	-	-	-
63.0	70.0	-	-	-	19.4	-	2.9	0.0	-	-	-	-	9.2
67.0	48.0	0.0	-	-	0.0	-	0.0	-	-	-	0.0	-	7.5
67.0	50.0	0.0	-	-	8.7	-	0.0	0.0	-	-	8.8	-	11.5
67.0	55.0	0.0	-	-	6.1	-	0.0	0.0	-	-	9.4	-	0.0
67.0	58.0	-	-	-	-	-	-	-	-	-	22.1	-	-
67.0	60.0	10.2	-	-	23.8	-	3.1	7.2	-	-	-	-	0.0
67.0	65.0	-	-	-	17.9	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	-	-	-	8.9	-	49.0	12.2	-	-	211.4	-	5.8
67.0	80.0	-	-	-	0.0	-	3.3	0.0	-	-	0.0	-	-
70.0	51.0	37.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	53.0	40.4	-	-	12.0	-	3.1	3.8	-	-	6.4	-	9.1
70.0	60.0	0.0	-	-	31.0	-	3.3	14.2	-	-	-	-	3.4
70.0	65.0	0.0	-	-	5.8	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	17.4	-	0.0	0.0	-	-	6.7	-	6.1
70.0	80.0	3.6	-	-	3.0	-	0.0	0.0	-	-	13.2	-	0.0
70.0	90.0	0.0	-	-	-	-	9.1	0.0	-	-	0.0	-	36.7
73.0	50.0	-	2.3	-	13.4	-	0.0	0.0	-	-	0.0	-	0.0
73.0	53.0	-	0.0	-	3.0	-	3.3	3.3	-	-	8.0	-	0.0
73.0	60.0	-	0.0	-	11.4	-	0.0	0.0	-	-	27.0	-	0.0
73.0	70.0	-	-	-	11.2	-	3.2	10.9	-	-	3.0	-	0.0
73.0	80.0	-	-	-	5.5	-	0.0	6.6	-	-	0.0	-	-
73.0	90.0	-	-	-	8.6	-	0.0	0.0	-	-	-	-	-
77.0	48.0	3.6	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
77.0	51.0	6.5	-	-	5.8	-	10.1	0.0	-	-	10.0	-	46.7
77.0	55.0	-	6.1	-	10.1	-	10.5	6.6	-	-	0.0	-	6.0
77.0	60.0	-	20.5	-	5.4	-	6.5	0.0	-	-	0.0	-	8.8
77.0	65.0	-	-	-	2.7	-	0.0	-	-	-	-	-	-
77.0	70.0	-	-	-	0.0	-	3.0	10.1	-	-	6.4	-	0.0
77.0	80.0	0.0	-	-	17.0	-	3.3	3.4	-	-	17.9	-	-
77.0	90.0	0.0	-	-	2.8	-	0.0	0.0	-	-	12.8	-	-
80.0	51.0	-	7.5	-	0.0	2.1	22.6	0.0	3.6	6.5	0.0	-	3.0
80.0	52.0	-	4.8	-	0.0	0.0	0.0	0.0	0.0	17.1	0.0	-	9.2
80.0	55.0	-	21.5	-	0.0	0.0	0.0	2.7	3.2	0.0	26.2	-	19.3
80.0	60.0	-	0.0	-	3.1	6.9	5.7	0.0	13.1	0.0	3.1	-	0.0
80.0	65.0	-	0.0	-	4.8	0.0	0.0	0.0	3.3	3.1	0.0	-	0.0
80.0	70.0	-	0.0	-	0.0	3.3	20.2	0.0	0.0	3.2	0.0	-	3.3
80.0	80.0	-	0.0	-	0.0	17.1	0.0	0.0	0.0	3.2	0.0	-	0.0
80.0	90.0	-	0.0	-	2.8	3.1	0.0	0.0	3.3	0.0	0.0	-	0.0
82.0	47.0	-	1.6	-	3.1	2.8	0.0	3.1	0.0	6.4	0.0	-	11.9
83.0	40.0	-	1.0	-	0.0	0.0	1.4	-	1.2	0.0	0.0	-	0.0
83.0	43.0	-	4.9	-	3.1	5.9	5.4	17.1	25.8	0.0	0.0	-	3.2
83.0	51.0	-	1.6	-	0.0	6.2	0.0	0.0	46.0	2.7	3.5	-	5.7
83.0	55.0	-	0.0	-	0.0	0.0	0.0	3.4	0.0	2.8	0.0	-	6.2
83.0	60.0	-	0.0	-	0.0	0.0	2.8	3.3	26.9	2.7	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	3.4	0.0	16.8	6.3	3.2	10.6	-	0.0
83.0	70.0	-	0.0	-	0.0	0.0	2.8	0.0	6.3	9.1	0.0	-	0.0
83.0	80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
83.0	90.0	-	0.0	-	0.0	0.0	0.0	6.5	0.0	0.0	0.0	-	-
87.0	33.0	-	6.8	-	-	0.0	3.3	0.0	0.0	0.0	2.9	-	0.0
87.0	35.0	-	1.7	-	0.0	0.0	2.7	12.5	23.8	3.0	3.2	-	10.0
87.0	40.0	-	0.0	-	0.0	0.0	11.4	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	0.0	-	17.8
87.0	50.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	6.1	0.0	-	4.1

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 55.0	-	0.0	-	0.0	0.0	0.0	10.6	0.0	3.3	0.0	-	0.0
87.0 60.0	-	0.0	-	0.0	0.0	0.0	0.0	6.3	0.0	0.0	-	0.0
87.0 65.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
87.0 70.0	-	0.0	0.0	-	0.0	0.0	0.0	10.2	3.3	0.0	-	0.0
87.0 80.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	5.6	0.0	-	0.0
90.0 28.0	-	0.0	2.6	-	0.0	2.8	10.1	35.4	0.0	3.1	-	0.0
90.0 32.0	-	0.0	0.0	-	0.0	0.0	13.0	0.0	0.0	0.0	-	6.4
90.0 37.0	-	0.0	0.0	-	0.0	0.0	9.8	6.9	0.0	0.0	-	0.0
90.0 45.0	-	0.0	0.0	-	0.0	2.8	0.0	35.6	3.2	0.0	-	0.0
90.0 50.0	-	0.0	-	-	0.0	-	-	3.2	0.0	-	-	-
90.0 53.0	-	-	0.0	-	-	8.7	0.0	-	-	0.0	-	0.0
90.0 55.0	-	0.0	-	-	0.0	-	-	0.0	3.4	-	-	-
90.0 60.0	-	3.4	0.0	-	0.0	0.0	6.2	3.5	0.0	0.0	-	0.0
90.0 65.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.3	9.8	-	0.0
90.0 70.0	-	0.0	0.0	-	0.0	6.5	0.0	0.0	0.0	-	-	0.0
90.0 90.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
93.0 27.0	22.3	2.5	-	-	0.0	0.0	6.1	0.0	0.0	3.3	-	6.2
93.0 28.0	0.0	2.6	0.0	-	0.0	5.8	21.7	0.0	0.0	0.0	-	0.0
93.0 30.0	2.9	0.0	9.6	-	0.0	0.0	12.5	0.0	0.0	0.0	-	0.0
93.0 35.0	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 45.0	0.0	3.4	0.0	-	0.0	0.0	0.0	6.6	0.0	0.0	-	0.0
93.0 50.0	0.0	0.0	0.0	-	0.0	6.2	3.2	0.0	0.0	0.0	-	0.0
93.0 55.0	0.0	5.6	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 60.0	0.0	0.0	0.0	-	0.0	0.0	6.4	0.0	0.0	0.0	-	0.0
93.0 70.0	0.0	0.0	0.0	-	0.0	0.0	-	3.6	0.0	-	-	0.0
93.0 80.0	0.0	0.0	0.0	-	0.0	0.0	9.5	5.9	0.0	-	-	0.0
93.0 100.0	-	-	-	-	3.4	-	-	-	-	0.0	-	0.0
97.0 29.0	0.0	0.0	-	0.0	7.9	0.0	0.0	0.0	0.0	4.3	-	2.2
97.0 30.0	1.4	0.0	-	0.0	50.7	9.2	0.0	0.0	0.0	0.0	-	0.0
97.0 32.0	0.0	-	4.2	-	-	3.3	0.0	-	-	0.0	-	2.5
97.0 35.0	0.0	0.0	0.0	-	13.2	-	0.0	0.0	0.0	0.0	5.6	0.0
97.0 40.0	0.0	0.0	0.0	-	3.3	8.9	7.2	0.0	0.0	0.0	-	0.0
97.0 50.0	14.3	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
100.0 29.0	0.0	0.0	-	0.0	8.7	8.7	0.0	0.0	0.0	15.1	-	0.0
100.0 30.0	0.0	3.0	-	0.0	21.4	10.0	0.0	0.0	0.0	10.1	-	16.4
100.0 35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
100.0 40.0	0.0	6.2	-	0.0	3.0	0.0	3.4	0.0	0.0	6.9	-	0.0
100.0 45.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0 50.0	0.0	2.7	-	0.0	0.0	0.0	0.0	0.0	6.5	0.0	-	0.0
103.0 29.0	3.2	1.0	-	0.0	0.0	-	1.6	0.0	0.0	0.0	-	0.0
103.0 30.0	4.8	0.0	-	0.0	5.1	-	4.1	0.0	0.0	0.0	-	0.0
103.0 35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	5.1
103.0 40.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	6.5	0.0	-	0.0
103.0 45.0	0.0	0.0	-	0.0	0.0	-	0.0	32.2	0.0	0.0	0.0	2.6
103.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	-	0.0
103.0 60.0	2.7	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	31.0	15.7	7.0	-	2.9	0.0	-	0.0	6.0	2.5	0.0	-	5.0
107.0	32.0	384.9	2.5	-	3.2	19.7	-	0.0	0.0	0.0	9.8	-	0.0
107.0	35.0	0.0	3.0	-	3.4	0.0	-	3.2	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	6.1	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	9.6	0.0	0.0	0.0	0.0
107.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
107.0	60.0	0.0	3.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	32.0	3.0	-	0.0	0.0	0.0	-	0.0	2.6	0.0	1.2	-	6.6
110.0	35.0	151.0	-	2.5	3.1	0.0	-	0.0	3.2	35.2	3.4	0.0	0.0
110.0	40.0	0.0	-	5.4	0.0	0.0	-	-	3.2	0.0	0.0	-	0.0
110.0	41.0	-	-	-	-	-	-	2.6	-	-	-	-	-
110.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0
110.0	50.0	5.9	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	3.0	0.0	0.0	0.0	-	2.7
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.7
113.0	29.0	0.0	-	0.0	0.0	0.0	-	3.8	122.8	0.0	0.0	-	1.7
113.0	30.0	0.0	-	8.4	0.0	0.0	-	42.6	247.9	0.0	5.3	0.0	47.3
113.0	35.0	9.3	-	3.2	4.1	58.4	-	32.5	0.0	9.7	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	12.3	-	3.0	0.0	0.0	0.0	-	11.8
113.0	45.0	3.0	-	0.0	0.0	10.2	-	5.7	0.0	0.0	0.0	0.0	17.2
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	25.2	3.0	0.0	-	2.6
113.0	55.0	0.0	-	0.0	2.6	0.0	-	3.1	0.0	0.0	0.0	-	0.0
113.0	60.0	0.0	-	0.0	0.0	-	-	0.0	3.0	5.6	0.0	-	2.8
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	35.0	0.0	-	0.0
113.0	70.0	3.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	25.0	2.3	-	4.4	67.2	0.0	-	38.1	23.9	6.9	0.0	-	0.0
117.0	26.0	0.0	-	127.4	47.9	6.2	-	171.7	151.8	0.0	0.0	0.0	0.0
117.0	30.0	39.2	-	48.2	720.0	9.0	-	80.9	213.6	9.1	3.1	0.0	0.0
117.0	35.0	90.6	-	591.4	12.5	12.0	-	51.4	190.3	13.1	7.4	0.0	0.0
117.0	40.0	0.0	-	55.4	10.8	19.1	-	79.2	41.8	0.0	0.0	-	0.0
117.0	45.0	3.2	-	3.2	16.7	0.0	-	40.6	3.2	3.2	0.0	0.0	2.5
117.0	50.0	2.9	-	0.0	0.0	0.0	-	0.0	3.2	2.9	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	8.3
117.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.9
117.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
118.0	39.0	-	-	-	13.0	16.6	-	43.3	25.3	9.3	0.0	-	0.0
119.0	33.0	74.6	-	153.5	0.0	20.7	-	21.7	308.5	80.3	15.1	0.0	0.0
120.0	24.0	103.8	-	35.3	0.0	13.1	-	0.0	106.3	0.0	2.2	-	2.0
120.0	25.0	278.8	-	332.3	55.4	5.7	-	36.5	389.8	0.0	0.0	13.1	0.0
120.0	30.0	86.1	-	301.6	57.6	0.0	-	131.0	552.2	15.9	0.0	0.0	0.0
120.0	35.0	136.3	-	869.1	50.6	0.0	-	49.9	100.0	27.7	0.0	0.0	0.0
120.0	40.0	130.7	-	31.1	6.7	11.3	-	101.8	14.4	2.9	0.0	-	1.4
120.0	45.0	56.9	-	6.6	0.0	44.3	-	6.6	5.7	-	19.8	0.0	2.8
120.0	50.0	9.0	-	0.0	0.0	0.0	-	19.0	8.6	-	0.0	-	5.5
120.0	55.0	0.0	-	3.1	0.0	0.0	-	13.0	19.2	-	0.0	-	5.2
120.0	60.0	2.6	-	0.0	0.0	0.0	-	0.0	0.0	-	-	-	0.0

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	65.0	2.3	-	-	0.0	0.0	-	6.4	0.0	-	3.2	-	0.0
123.0	36.0	13.5	-	-	3.4	9.7	-	0.0	5.7	-	11.5	-	0.0
123.0	37.0	-	89.6	-	5.0	54.4	-	1.8	6.0	-	0.0	38.6	10.5
123.0	40.0	37.7	-	-	-	3.3	-	-	25.6	-	-	0.0	-
123.0	42.0	-	-	-	2.6	-	-	10.6	-	-	0.0	-	27.7
123.0	45.0	18.6	-	-	0.0	10.2	-	6.0	0.0	-	0.0	-	3.1
123.0	50.0	3.0	-	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	5.8	0.0	0.0
123.0	70.0	5.1	-	-	-	0.0	-	0.0	-	-	-	-	-
125.0	35.5	-	-	-	-	-	-	-	-	-	-	5.6	-
127.0	33.0	-	21.9	-	0.0	2.3	-	0.0	2.6	-	192.2	-	72.2
127.0	34.0	-	66.7	-	12.4	5.8	-	0.0	0.0	-	38.6	23.8	183.4
127.0	40.0	-	0.0	-	54.8	0.0	-	0.0	0.0	-	0.0	0.0	2.9
127.0	45.0	-	9.8	-	0.0	3.4	-	6.3	0.0	-	0.0	-	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	38.6	0.0	-	5.4	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	27.2	0.0	-	0.0	-	0.0
127.0	60.0	-	0.0	-	0.0	0.0	-	45.6	0.0	-	0.0	0.0	0.0
127.0	65.0	-	0.0	-	-	0.0	-	57.0	-	-	-	-	-
127.0	70.0	-	0.0	-	-	0.0	-	3.0	-	-	-	-	-
130.0	28.0	-	4.6	-	0.0	1.8	-	0.0	91.5	-	20.8	-	97.3
130.0	30.0	-	38.4	-	0.0	2.8	-	0.0	27.9	-	26.8	19.0	7.4
130.0	35.0	-	2.9	-	6.7	2.7	-	0.0	0.0	-	38.4	16.3	0.0
130.0	40.0	-	8.5	-	10.6	0.0	-	0.0	0.0	-	4.8	18.7	2.5
130.0	45.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0
131.5	37.5	-	-	-	-	-	-	-	-	-	-	132.8	-
133.0	23.0	-	12.6	-	20.7	0.0	-	0.0	19.7	-	58.3	-	9.2
133.0	25.0	-	26.9	-	0.0	0.0	-	0.0	0.0	-	25.2	0.0	112.2
133.0	30.0	-	13.0	-	0.0	0.0	-	0.0	6.2	-	25.4	0.0	0.0
133.0	35.0	-	0.0	-	7.0	0.0	-	0.0	3.5	-	0.0	-	15.6
133.0	40.0	-	0.0	-	120.1	0.0	-	8.6	0.0	-	0.0	0.0	5.8
133.0	45.0	-	0.0	-	91.1	0.0	-	0.0	0.0	-	0.0	-	-
133.0	50.0	-	0.0	-	3.9	0.0	-	2.9	0.0	-	0.0	0.0	-
133.0	55.0	-	0.0	-	7.6	0.0	-	0.0	0.0	-	0.0	-	-
137.0	22.0	-	3.1	-	18.1	2.1	-	40.1	108.8	-	9.1	-	30.0
137.0	23.0	-	0.0	-	25.4	0.0	-	2.7	65.3	-	29.3	41.8	38.5
137.0	30.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	42.9
137.0	35.0	-	13.8	-	0.0	0.0	-	2.8	0.0	-	0.0	0.0	0.0
137.0	46.0	-	-	-	-	-	-	12.7	-	-	-	-	-
137.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.8	0.0	-
137.0	60.0	-	0.0	-	0.0	0.0	-	2.6	0.0	-	0.0	0.0	-
140.0	30.0	-	-	-	-	-	-	-	-	-	-	11.2	-
143.0	26.0	-	-	-	-	-	-	-	-	-	-	52.7	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	17.6	-

TABLE 4. (cont.)

Citharichthys stigmaeus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	5.3
60.0	60.0	0.0	-	-	0.0	-	0.0	6.4	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	0.0	-	3.2	-	-	-	-	-	-
60.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	5.9
63.0	55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	7.5
63.0	60.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	3.1
63.0	70.0	-	-	-	0.0	-	0.0	0.0	-	-	-	-	3.1
67.0	50.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.9
67.0	55.0	0.0	-	-	0.0	-	0.0	3.5	-	-	53.2	-	8.8
67.0	58.0	-	-	-	-	-	-	-	-	-	34.7	-	-
67.0	60.0	0.0	-	-	3.0	-	0.0	0.0	-	-	-	-	0.0
67.0	70.0	-	-	-	0.0	-	3.3	0.0	-	-	3.4	-	0.0
67.0	90.0	-	-	-	-	-	0.0	0.0	-	-	3.3	-	-
70.0	60.0	0.0	-	-	0.0	-	0.0	14.2	-	-	-	-	6.8
70.0	65.0	0.0	-	-	2.9	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	-	10.1	-	0.0
70.0	80.0	0.0	-	-	0.0	-	0.0	0.0	-	-	9.9	-	0.0
73.0	50.0	-	0.0	-	0.0	-	0.0	2.9	-	-	0.0	-	0.0
73.0	53.0	-	0.0	-	0.0	-	0.0	0.0	-	-	13.3	-	0.0
73.0	60.0	-	0.0	-	0.0	-	0.0	0.0	-	-	18.0	-	0.0
73.0	80.0	-	-	-	0.0	-	0.0	3.3	-	-	0.0	-	-
77.0	51.0	0.0	-	-	0.0	-	0.0	0.0	-	-	10.0	-	29.2
77.0	55.0	-	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	9.0
77.0	60.0	-	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	2.9
77.0	65.0	-	-	-	2.7	-	0.0	-	-	-	-	-	-
77.0	80.0	0.0	-	-	0.0	-	0.0	0.0	-	-	8.9	-	-
80.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	9.7	0.0	-	0.0
80.0	52.0	-	1.6	-	3.0	0.0	0.0	0.0	0.0	6.8	0.0	-	0.0
80.0	55.0	-	0.0	-	0.0	5.3	0.0	0.0	16.1	0.0	11.2	-	0.0
80.0	60.0	-	0.0	-	0.0	0.0	0.0	0.0	9.8	0.0	3.1	-	0.0
80.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	3.3	3.1	0.0	-	3.0
80.0	70.0	-	1.7	-	2.7	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
80.0	90.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	0.0	0.0	17.6	0.0	0.0	-	14.9
83.0	43.0	-	0.0	-	0.0	0.0	0.0	0.0	9.7	23.3	52.4	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	10.6	0.0	0.0	-	2.9
83.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.1
83.0	60.0	-	1.5	-	0.0	0.0	0.0	0.0	14.9	2.7	10.6	-	0.0
83.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	14.2	-	0.0
83.0	70.0	-	1.6	-	0.0	0.0	0.0	0.0	3.2	0.0	11.1	-	0.0
83.0	80.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	10.5	-	0.0
83.0	90.0	-	0.0	-	0.0	0.0	0.0	3.2	3.1	0.0	0.0	-	-
87.0	33.0	-	0.0	-	-	0.0	0.0	2.5	0.0	0.0	5.9	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	0.0	0.0	2.9	3.3	3.5	-	0.0
87.0	45.0	-	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	3.0
87.0	50.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	15.1	0.0	-	0.0

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	6.3	0.0	6.7	-	0.0
87.0	65.0	-	0.0	-	3.5	0.0	0.0	0.0	6.0	0.0	3.1	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.4	-	0.0
87.0	80.0	-	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	0.0	0.0	-	0.0	0.0	0.0	3.8	0.0	0.0	-	0.0
90.0	37.0	-	0.0	0.0	-	0.0	0.0	3.3	3.5	0.0	0.0	-	0.0
90.0	45.0	-	0.0	0.0	-	0.0	2.8	0.0	32.7	6.4	0.0	-	0.0
90.0	53.0	-	-	0.0	-	-	2.9	0.0	-	-	0.0	-	0.0
90.0	55.0	-	0.0	-	-	0.0	-	-	3.2	0.0	-	-	-
90.0	60.0	-	0.0	0.0	-	0.0	2.9	3.1	3.5	0.0	0.0	-	0.0
90.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	3.1	0.0	-	-	3.3
90.0	80.0	-	0.0	0.0	-	0.0	0.0	0.0	6.4	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	6.3
93.0	35.0	0.0	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	6.4	-	12.2
93.0	40.0	0.0	0.0	0.0	-	0.0	2.9	-	3.4	0.0	0.0	-	0.0
93.0	45.0	3.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
93.0	60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	28.7	0.0	0.0	-	0.0
93.0	65.0	0.0	0.0	3.2	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0
97.0	50.0	0.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
97.0	55.0	3.0	0.0	3.1	-	0.0	0.0	3.5	0.0	3.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	0.0	2.9	4.1	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	0.0	0.0	2.4	0.0	0.0	0.0	-	0.0
100.0	35.0	3.2	3.1	-	0.0	0.0	0.0	0.0	3.2	0.0	0.0	3.0	0.0
100.0	40.0	0.0	0.0	-	5.8	0.0	6.7	6.8	0.0	0.0	3.4	-	0.0
100.0	45.0	0.0	0.0	-	0.0	3.2	0.0	3.0	0.0	6.4	0.0	0.0	0.0
100.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	9.8	0.0	-	0.0
100.0	55.0	3.6	0.0	-	0.0	0.0	0.0	3.4	0.0	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.6
103.0	30.0	0.0	0.0	-	0.0	0.0	-	1.4	0.0	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.5
103.0	40.0	0.0	0.0	-	0.0	0.0	-	1.7	0.0	0.0	0.0	-	2.5
103.0	50.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	3.5	-	0.0
103.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	-	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	6.5	0.0	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	0.0	0.0	-	-	0.0	0.0	0.0	-	2.9
110.0	41.0	-	-	-	-	-	-	7.9	-	-	-	-	-
110.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	0.0
113.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	-	0.0
117.0	25.0	2.3	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	30.0	0.0	-	5.4	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	-	0.0	0.0	0.0	-	5.1	0.0	0.0	0.0	2.7	0.0
117.0	40.0	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	-	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	3.1	3.2	0.0	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	0.0	0.0	3.1	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	329.6	0.0	0.0	0.0	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	12.6	2.9	-	0.0	-	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	45.0	0.0	-	-	0.0	0.0	-	3.0	3.2	-	0.0	-	0.0
127.0	34.0	-	0.0	-	0.0	2.9	-	0.0	0.0	-	0.0	0.0	0.0
127.0	40.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0
130.0	40.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0	0.0	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	8.4	0.0	0.0
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	5.3	0.0	0.0
137.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	18.4

Hippoglossina stomata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	-	-	0.0	-	0.0	3.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	1.8	0.0	3.5	-	0.0
80.0	52.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	13.6	0.0	-	0.0
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	6.4	0.0	0.0	-	0.0
80.0	65.0	-	0.0	-	0.0	0.0	0.0	0.0	3.3	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	5.7	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.0	0.0	-	1.2	0.0	2.6	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.3	0.0	-	0.0
83.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-	0.0
83.0	60.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	0.0	0.0	0.0	2.6	5.9	-	0.0
90.0	50.0	-	0.0	-	-	0.0	-	-	0.0	3.2	-	-	-
90.0	60.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	0.0	5.5	6.2	0.0	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	2.8	0.0	-	0.0
107.0	31.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	2.3	-	0.0
107.0	35.0	0.0	0.0	-	0.0	0.0	-	0.0	3.3	0.0	0.0	0.0	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	1.3	0.0	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.1	0.0	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	4.5	5.2	0.0	0.0	0.0	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	2.8	0.0	1.7	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	0.0	2.5	0.0	0.0	0.0	2.3
117.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	8.4	0.0	3.1	0.0	3.0

TABLE 4. (cont.)

Hippoglossina stomata (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	-	0.0	0.0	0.0	-	15.4	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	6.6	0.0	0.0	0.0	-	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	5.8	12.4	0.0	0.0	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	5.3	0.0	0.0	5.2	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	6.2	3.2	5.6	0.0	2.4
120.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	2.5	0.0	2.6	2.8	0.0
123.0	36.0	0.0	-	-	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0
123.0	37.0	-	0.0	-	0.0	5.4	-	1.8	0.0	-	3.2	0.0	0.0
123.0	40.0	3.1	-	-	-	0.0	-	-	0.0	-	-	0.0	-
123.0	45.0	0.0	-	-	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0
127.0	33.0	-	2.2	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	34.0	-	5.6	-	0.0	0.0	-	6.7	0.0	-	2.8	3.0	2.6
127.0	45.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	5.4	0.0	-	0.0	-	0.0
130.0	28.0	-	0.0	-	0.0	1.8	-	0.0	3.0	-	0.0	-	0.0
130.0	30.0	-	3.0	-	0.0	0.0	-	0.0	2.5	-	0.0	0.0	0.0
131.5	37.5	-	-	-	-	-	-	-	-	-	-	5.4	-
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	33.7	-	2.3	-	6.9
133.0	25.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	2.5	0.0	26.2
137.0	22.0	-	0.0	-	2.3	0.0	-	10.5	8.4	-	0.0	-	0.0
137.0	23.0	-	0.0	-	4.2	0.0	-	0.0	0.0	-	4.2	0.0	4.3
137.0	30.0	-	0.0	-	4.1	0.0	-	0.0	0.0	-	0.0	0.0	0.0
140.0	30.0	-	-	-	-	-	-	-	-	-	-	16.9	-
143.0	26.0	-	-	-	-	-	-	-	-	-	-	7.5	-
147.0	20.0	-	-	-	-	-	-	-	-	-	-	3.2	-

Paralichthys californicus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	2.6	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	53.0	0.0	-	-	0.0	-	3.1	0.0	-	-	0.0	-	0.0
73.0	50.0	-	0.0	-	2.7	-	0.0	0.0	-	-	0.0	-	0.0
77.0	55.0	-	0.0	-	0.0	-	0.0	3.3	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	0.0	6.5	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	10.9	-	5.9	0.9	12.2	-	1.2	3.5	2.6	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
87.0	33.0	-	0.0	-	-	0.0	1.6	0.0	2.9	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	5.0
87.0	45.0	-	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	3.5	0.0	-	0.0	5.5	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	14.9	0.0	-	-	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	1.4	1.9	-	0.0	9.4	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0	30.0	1.4	0.0	-	0.0	5.3	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Paralichthys californicus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	30.0	0.0	0.0	–	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
100.0	45.0	0.0	0.0	–	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	29.0	7.5	0.0	–	0.0	2.7	–	0.8	0.0	0.0	0.0	–	1.1
107.0	31.0	2.6	81.8	–	0.0	0.0	–	7.3	0.0	0.0	0.0	–	0.0
107.0	32.0	0.0	5.1	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
107.0	45.0	0.0	0.0	–	0.0	0.0	–	2.8	0.0	0.0	0.0	0.0	0.0
110.0	32.0	2.3	–	0.0	0.0	0.0	–	1.2	0.0	2.2	0.0	–	0.0
113.0	29.0	0.0	–	0.0	1.6	0.0	–	0.0	0.0	0.0	0.0	–	0.0
113.0	30.0	0.0	–	0.0	3.3	0.0	–	6.7	0.0	0.0	0.0	0.0	0.0
117.0	25.0	0.0	–	2.9	0.0	0.0	–	8.5	8.0	0.0	0.0	–	0.0
117.0	26.0	0.0	–	0.0	9.6	0.0	–	3.0	0.0	0.0	0.0	0.0	0.0
117.0	30.0	0.0	–	0.0	0.0	0.0	–	7.8	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	–	0.0	0.0	0.0	–	3.3	0.0	0.0	0.0	–	0.0
117.0	45.0	0.0	–	0.0	0.0	0.0	–	3.1	0.0	0.0	0.0	0.0	0.0
118.0	39.0	–	–	–	0.0	0.0	–	6.2	0.0	0.0	0.0	–	0.0
120.0	24.0	0.0	–	0.0	24.8	3.3	–	0.0	0.0	0.0	0.0	–	0.0
120.0	25.0	2.8	–	0.0	0.0	1.9	–	7.7	34.7	0.0	0.0	0.0	0.0
120.0	30.0	0.0	–	0.0	0.0	3.2	–	10.4	0.0	0.0	0.0	0.0	0.0
120.0	35.0	0.0	–	0.0	0.0	0.0	–	13.9	0.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	–	13.5	4.5	35.3	–	1.6	2.1	0.0	0.0	–	0.0
120.0	45.0	0.0	–	3.3	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0
123.0	36.0	2.7	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0
127.0	33.0	–	2.2	–	0.0	0.0	–	2.4	0.0	–	0.0	–	0.0
130.0	30.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0
133.0	23.0	–	2.5	–	5.9	0.0	–	0.0	0.0	–	0.0	–	0.0
137.0	22.0	–	0.0	–	2.3	0.0	–	0.0	0.0	–	0.0	–	4.0
137.0	23.0	–	0.0	–	4.2	0.0	–	0.0	0.0	–	0.0	0.0	0.0
137.0	35.0	–	2.8	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	0.0
143.0	26.0	–	–	–	–	–	–	–	–	–	–	2.5	–

Syacium ovale

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	25.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	2.9	0.0
143.0	30.0	–	–	–	–	–	–	–	–	–	–	2.9	–
150.0	25.0	–	–	–	–	–	–	–	–	–	–	3.0	–

Xystreurys liolepis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	33.0	–	0.0	–	–	0.0	0.0	0.0	2.9	0.0	0.0	–	0.0
90.0	37.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	3.3	0.0	–	0.0
97.0	29.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.2
97.0	30.0	1.4	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0

TABLE 4. (cont.)

Xystreurys liolepis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	30.0	0.0	2.5	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	0.0	8.2	-	0.0	0.0	2.5	0.0	-	0.0
110.0	32.0	0.0	-	0.0	0.0	1.4	-	0.0	0.0	0.0	0.0	-	0.0
113.0	29.0	0.0	-	0.0	0.0	0.0	-	2.6	14.0	0.0	0.0	-	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	6.7	13.0	0.0	0.0	0.0	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	9.9	21.3	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	3.0	2.5	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	0.0	0.0	0.0	0.0
118.0	39.0	-	-	-	0.0	0.0	-	6.2	0.0	0.0	0.0	-	0.0
119.0	33.0	0.0	-	3.0	0.0	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0
120.0	24.0	0.0	-	0.0	0.0	0.0	-	0.0	13.9	0.0	0.0	-	0.0
120.0	30.0	2.7	-	0.0	0.0	0.0	-	6.2	0.0	0.0	0.0	0.0	0.0
123.0	36.0	5.4	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
123.0	37.0	-	2.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.3	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	5.1	-	2.7	0.0	0.0
137.0	22.0	-	0.0	-	0.0	0.0	-	2.1	0.0	-	0.0	-	6.0

Glyptocephalus zachirus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	-	-	0.0	-	0.0	3.0	-	-	0.0	-	0.0
60.0	55.0	0.0	-	-	0.0	-	3.2	3.1	-	-	0.0	-	0.0
60.0	60.0	0.0	-	-	0.0	-	2.8	0.0	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	0.0	-	3.2	-	-	-	-	-	-
60.0	70.0	0.0	-	-	0.0	-	8.3	9.6	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	3.7	0.0	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	5.9	-	0.0	0.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	0.0	-	19.4	0.0	-	-	0.0	-	0.0
63.0	65.0	-	-	-	14.6	-	2.8	-	-	-	-	-	-
63.0	70.0	-	-	-	0.0	-	5.8	0.0	-	-	-	-	0.0
67.0	50.0	0.0	-	-	34.7	-	0.0	0.0	-	-	0.0	-	0.0
67.0	55.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	26.8	-	0.0	3.6	-	-	-	-	0.0
67.0	65.0	-	-	-	11.9	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	-	5.9	-	3.3	0.0	-	-	0.0	-	0.0
70.0	53.0	0.0	-	-	9.0	-	3.1	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	6.2	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	0.0	-	-	5.8	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	7.4	-	0.0	0.0	-	-	0.0	-	0.0
70.0	80.0	0.0	-	-	0.0	-	6.6	0.0	-	-	0.0	-	0.0
73.0	50.0	-	0.0	-	16.1	-	0.0	0.0	-	-	0.0	-	0.0
73.0	53.0	-	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	5.7	-	0.0	0.0	-	-	0.0	-	0.0

TABLE 4. (cont.)

Glyptocephalus zachirus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	60.0	-	0.0	-	2.7	-	0.0	0.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	2.1	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	2.8	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	50.0	-	3.3	-	-	0.0	-	-	0.0	0.0	-	-	-

Hypsopsetta guttulata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	35.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.5
97.0	30.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.0

Lepidopsetta bilineata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	-	-	2.8	-	0.0	0.0	-	-	0.0	-	0.0
67.0	50.0	0.0	-	-	5.8	-	0.0	0.0	-	-	0.0	-	0.0
73.0	50.0	-	0.0	-	2.7	-	0.0	0.0	-	-	0.0	-	0.0

Lyopsetta exilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	-	-	0.0	-	8.1	0.0	-	-	0.0	-	0.0
60.0	52.0	0.0	-	-	15.3	-	3.2	0.0	-	-	0.0	-	0.0
60.0	55.0	0.0	-	-	0.0	-	3.2	6.3	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	3.0	-	0.0	-	-	-	-	-	-
60.0	70.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	0.0	3.2	-	-	0.0	-	0.0
63.0	52.0	0.0	-	-	4.8	-	0.0	0.0	-	-	0.0	-	0.0
63.0	55.0	0.0	-	-	17.8	-	0.0	0.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	3.2	-	0.0	0.0	-	-	0.0	-	0.0
63.0	65.0	-	-	-	14.6	-	0.0	-	-	-	-	-	-
63.0	70.0	-	-	-	0.0	-	2.9	0.0	-	-	-	-	0.0
67.0	50.0	2.8	-	-	26.0	-	3.5	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	11.9	-	0.0	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	6.0	-	0.0	-	-	-	-	-	-
70.0	51.0	0.0	-	-	26.4	-	0.0	0.0	-	-	0.0	-	0.0
70.0	53.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	9.3	-	3.3	0.0	-	-	-	-	0.0
73.0	50.0	-	0.0	-	2.7	-	0.0	2.9	-	-	0.0	-	0.0
73.0	53.0	-	0.0	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
73.0	60.0	-	0.0	-	0.0	-	0.0	3.4	-	-	0.0	-	0.0

TABLE 4. (cont.)

Lyopsetta exilis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	55.0	-	0.0	-	5.0	-	0.0	3.3	-	-	0.0	-	0.0
77.0	65.0	-	-	-	2.7	-	0.0	-	-	-	-	-	-
80.0	51.0	-	0.0	-	2.7	2.1	3.2	3.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	6.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	1.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	3.1	19.3	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	0.0	-	0.0	0.9	0.0	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	20.6	8.0	0.0	0.0	0.0	0.0	-	0.0
83.0	51.0	-	1.5	-	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	55.0	-	0.0	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	0.0	3.4	3.1	0.0	0.0	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	3.5	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	40.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	6.6	2.8	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	-	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	1.5	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	2.9	0.0	0.0	-	1.5	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	32.0	2.6	-	4.2	-	-	0.0	0.0	-	-	0.0	-	0.0
97.0	50.0	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	6.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	21.4	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
107.0	32.0	0.0	0.0	-	6.3	0.0	-	0.0	0.0	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	3.5	-	0.0	0.0	0.0	0.0	0.0	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	2.6	0.0	0.0	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	0.0	0.0	0.0	0.0
117.0	45.0	0.0	-	0.0	0.0	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0
118.0	39.0	-	-	-	0.0	3.3	-	0.0	0.0	0.0	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0
123.0	45.0	0.0	-	-	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0

Microstomus pacificus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	3.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	3.0	-	3.2	-	-	-	-	-	-
60.0	70.0	0.0	-	-	0.0	-	0.0	3.2	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	7.4	0.0	-	-	0.0	-	0.0
63.0	65.0	-	-	-	46.7	-	0.0	-	-	-	-	-	-
63.0	70.0	-	-	-	5.5	-	0.0	0.0	-	-	-	-	0.0

TABLE 4. (cont.)

Microstomus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	48.0	0.0	–	–	1.5	–	0.0	–	–	–	0.0	–	0.0
67.0	50.0	0.0	–	–	5.8	–	0.0	0.0	–	–	0.0	–	0.0
67.0	55.0	0.0	–	–	9.1	–	3.0	0.0	–	–	0.0	–	0.0
67.0	60.0	0.0	–	–	6.0	–	3.1	0.0	–	–	–	–	0.0
67.0	65.0	–	–	–	3.0	–	0.0	–	–	–	–	–	–
67.0	70.0	–	–	–	5.9	–	6.5	0.0	–	–	0.0	–	0.0
67.0	80.0	–	–	–	0.0	–	3.3	0.0	–	–	0.0	–	–
70.0	53.0	0.0	–	–	3.0	–	0.0	0.0	–	–	0.0	–	0.0
70.0	60.0	0.0	–	–	15.5	–	0.0	0.0	–	–	–	–	0.0
70.0	65.0	0.0	–	–	8.7	–	0.0	–	–	–	–	–	–
70.0	70.0	0.0	–	–	7.4	–	0.0	0.0	–	–	0.0	–	0.0
70.0	80.0	0.0	–	–	3.0	–	0.0	3.3	–	–	0.0	–	0.0
70.0	90.0	0.0	–	–	–	–	3.0	0.0	–	–	0.0	–	0.0
73.0	50.0	–	0.0	–	2.7	–	0.0	0.0	–	–	0.0	–	0.0
73.0	53.0	–	0.0	–	5.9	–	0.0	0.0	–	–	0.0	–	0.0
73.0	60.0	–	0.0	–	5.7	–	0.0	0.0	–	–	0.0	–	0.0
73.0	70.0	–	–	–	8.4	–	0.0	0.0	–	–	0.0	–	0.0
73.0	80.0	–	–	–	0.0	–	3.1	3.3	–	–	0.0	–	–
73.0	90.0	–	–	–	2.9	–	3.3	0.0	–	–	–	–	–
77.0	60.0	–	0.0	–	2.7	–	0.0	0.0	–	–	0.0	–	0.0
77.0	70.0	–	–	–	2.7	–	0.0	0.0	–	–	0.0	–	0.0
77.0	80.0	0.0	–	–	2.8	–	3.3	0.0	–	–	0.0	–	–
80.0	51.0	–	0.0	–	2.7	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
80.0	52.0	–	0.0	–	3.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
80.0	55.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.7	–	0.0
80.0	60.0	–	0.0	–	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0
80.0	70.0	–	0.0	–	0.0	0.0	2.9	3.6	0.0	0.0	0.0	–	0.0
80.0	80.0	–	0.0	–	0.0	6.9	0.0	0.0	0.0	0.0	0.0	–	0.0
80.0	90.0	–	0.0	–	0.0	3.1	0.0	0.0	0.0	0.0	0.0	–	0.0
82.0	47.0	–	0.0	–	3.1	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0
83.0	55.0	–	0.0	–	0.0	0.0	0.0	0.0	3.5	0.0	0.0	–	0.0
87.0	65.0	–	0.0	–	0.0	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0
93.0	55.0	3.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
93.0	80.0	0.0	0.0	0.0	–	0.0	0.0	3.2	0.0	0.0	–	–	0.0
97.0	80.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0	–	0.0

Parophrys vetulus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	374.4	–	–	8.4	–	0.0	0.0	–	–	4.5	–	22.0
60.0	52.0	210.4	–	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
60.0	55.0	0.0	–	–	0.0	–	0.0	0.0	–	–	11.9	–	0.0
60.0	70.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	3.0
63.0	50.0	8.9	–	–	1.1	–	1.2	0.0	–	–	0.0	–	10.8
63.0	52.0	0.0	–	–	9.6	–	0.0	3.1	–	–	0.0	–	0.0

TABLE 4. (cont.)

Parophrys vetulus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	-	-	5.9	-	0.0	0.0	-	-	0.0	-	0.0
63.0	65.0	-	-	-	2.9	-	0.0	-	-	-	-	-	-
67.0	48.0	6.4	-	-	0.0	-	0.0	-	-	-	0.0	-	0.0
67.0	50.0	0.0	-	-	78.0	-	0.0	0.0	-	-	0.0	-	0.0
67.0	55.0	0.0	-	-	15.2	-	0.0	0.0	-	-	0.0	-	0.0
67.0	60.0	7.6	-	-	11.9	-	0.0	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	6.0	-	0.0	-	-	-	-	-	-
70.0	51.0	6.2	-	-	41.0	-	6.0	0.0	-	-	0.0	-	0.0
70.0	53.0	3.4	-	-	15.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	3.1	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	0.0	-	-	2.9	-	0.0	-	-	-	-	-	-
73.0	50.0	-	4.6	-	37.5	-	0.0	0.0	-	-	0.0	-	0.0
73.0	53.0	-	3.6	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
77.0	48.0	0.0	-	-	7.2	-	0.0	0.0	-	-	0.0	-	0.0
77.0	55.0	-	0.0	-	12.6	-	0.0	0.0	-	-	0.0	-	0.0
77.0	60.0	-	0.0	-	8.2	-	0.0	0.0	-	-	0.0	-	0.0
77.0	70.0	-	-	-	2.7	-	0.0	0.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	52.0	-	1.6	-	6.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	21.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	43.0	-	3.2	-	9.2	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	51.0	-	3.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	1.7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	35.0	-	5.1	-	0.0	0.0	8.1	0.0	0.0	0.0	0.0	-	0.0
87.0	40.0	-	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	0.0	-	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	0.0	-	13.2	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	0.0	0.0	-	27.4	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	-	32.4	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	0.0	-	13.8	2.9	0.0	0.0	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	3.8	-	0.0	7.9	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	30.0	0.0	3.0	-	2.2	13.4	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	32.0	0.0	-	4.2	-	-	0.0	0.0	-	-	0.0	-	0.0
97.0	35.0	0.0	0.0	0.0	-	3.3	-	0.0	0.0	0.0	0.0	0.0	0.0
100.0	29.0	0.0	2.2	-	0.0	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	5.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	2.9	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	1.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	5.1	-	0.0	0.0	0.0	0.0	-	0.0
107.0	31.0	0.0	5.6	-	0.0	4.1	-	1.5	0.0	0.0	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	3.3	-	0.0	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	0.0	1.7	0.0	-	0.0	0.0	0.0	0.0	-	0.0
110.0	40.0	0.0	-	2.7	0.0	0.0	-	-	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Parophrys vetulus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	30.0	0.0	-	0.0	78.8	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0
119.0	33.0	0.0	-	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	25.0	0.0	-	0.0	0.0	1.9	-	0.0	0.0	0.0	0.0	0.0	0.0

Platichthys stellatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	-	-	64.2	-	0.0	0.0	-	-	0.0	-	0.0
63.0	50.0	0.0	-	-	1.1	-	0.0	0.0	-	-	0.0	-	0.0
67.0	48.0	2.1	-	-	0.0	-	0.0	-	-	-	0.0	-	0.0

Pleuronichthys coenosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	-	-	0.0	-	0.0	0.0	-	-	2.9	-	0.0
70.0	51.0	0.0	-	-	2.9	-	0.0	0.0	-	-	0.0	-	0.0
70.0	70.0	0.0	-	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
77.0	48.0	0.0	-	-	0.0	-	2.5	0.0	-	-	0.0	-	0.0
77.0	55.0	-	0.0	-	0.0	-	3.5	0.0	-	-	0.0	-	0.0
80.0	65.0	-	0.0	-	0.0	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	60.0	-	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	40.0	-	0.0	-	0.0	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	0.0	-	1.4	0.0	0.0	0.0	-	0.0

Pleuronichthys decurrens

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	-	-	0.0	-	3.2	-	-	-	-	-	-
63.0	70.0	-	-	-	2.8	-	0.0	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	3.0	-	0.0	-	-	-	-	-	-
73.0	60.0	-	0.0	-	2.8	-	0.0	0.0	-	-	0.0	-	0.0
73.0	80.0	-	-	-	2.8	-	0.0	0.0	-	-	0.0	-	-
77.0	65.0	-	-	-	2.7	-	0.0	-	-	-	-	-	-
77.0	80.0	0.0	-	-	2.8	-	0.0	0.0	-	-	0.0	-	-
80.0	80.0	-	0.0	-	0.0	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.8	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.5
87.0	55.0	-	0.0	-	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Pleuronichthys ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	2.9	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	-	0.0
117.0	30.0	2.8	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	2.7	0.0	0.0	2.6	0.0
120.0	40.0	0.0	-	1.4	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
123.0	37.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	0.0	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.3	-	0.0

Pleuronichthys verticalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	48.0	0.0	-	-	3.1	-	5.8	-	-	-	0.0	-	0.0
73.0	50.0	-	0.0	-	0.0	-	0.0	0.0	-	-	3.0	-	0.0
77.0	48.0	0.0	-	-	2.1	-	2.5	0.0	-	-	0.0	-	0.0
80.0	51.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0
80.0	55.0	-	0.0	-	0.0	0.0	0.0	0.0	6.4	0.0	0.0	-	0.0
80.0	60.0	-	0.0	-	0.0	0.0	0.0	3.3	0.0	3.2	0.0	-	0.0
82.0	47.0	-	0.0	-	0.0	0.0	5.7	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	0.5	-	2.2	0.9	13.5	-	0.0	0.0	0.0	-	0.0
83.0	43.0	-	0.0	-	0.0	0.0	10.7	0.0	0.0	0.0	0.0	-	0.0
87.0	33.0	-	3.4	-	-	0.0	0.0	17.3	11.4	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	0.0	0.0	8.1	0.0	3.4	0.0	3.2	-	0.0
87.0	55.0	-	0.0	-	0.0	0.0	0.0	3.5	0.0	0.0	0.0	-	0.0
90.0	28.0	-	0.0	2.6	-	0.0	8.3	0.0	0.0	0.0	0.0	-	0.0
90.0	32.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.4	-	0.0
93.0	27.0	0.0	5.0	-	-	3.2	0.0	0.0	7.2	0.0	0.0	-	0.0
97.0	29.0	1.4	0.0	-	0.0	1.6	102.1	0.0	2.2	0.0	0.0	-	0.0
97.0	30.0	1.4	0.0	-	2.2	2.7	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0	32.0	2.6	-	0.0	-	-	0.0	0.0	-	-	0.0	-	0.0
100.0	29.0	0.0	8.8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	0.0	3.0	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
103.0	29.0	0.0	1.0	-	0.0	1.3	-	2.4	0.0	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	2.5	-	0.0	0.0	0.0	0.0	-	1.9
107.0	31.0	0.0	24.0	-	11.5	10.3	-	4.4	4.0	2.5	0.0	-	0.0
107.0	32.0	0.0	5.1	-	3.2	9.9	-	6.0	0.0	0.0	0.0	-	0.0
110.0	32.0	0.0	-	0.0	0.0	4.3	-	0.0	0.0	0.0	3.7	-	2.2
110.0	35.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	29.0	0.0	-	0.0	0.0	0.0	-	6.4	2.3	0.0	0.0	-	1.7
113.0	30.0	0.0	-	0.0	0.0	0.0	-	4.5	13.0	0.0	0.0	0.0	0.0
117.0	25.0	0.0	-	0.0	0.0	0.0	-	2.8	8.0	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	3.0	12.6	0.0	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	18.8	0.0	-	7.8	0.0	0.0	0.0	0.0	0.0
117.0	45.0	0.0	-	0.0	3.3	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
119.0	33.0	0.0	-	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0
120.0	24.0	0.0	-	0.0	11.3	0.0	-	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Pleuronichthys verticalis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	25.0	0.0	–	0.0	2.8	0.0	–	0.0	5.3	0.0	0.0	0.0	0.0
120.0	30.0	0.0	–	0.0	0.0	0.0	–	0.0	3.1	0.0	0.0	0.0	0.0
120.0	40.0	0.0	–	0.0	0.0	0.0	–	1.6	0.0	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	0.0	–	0.0	2.9	–	0.0	0.0	0.0
123.0	36.0	0.0	–	–	0.0	0.0	–	2.8	0.0	–	0.0	–	0.0
130.0	28.0	–	0.0	–	0.0	0.0	–	0.0	8.9	–	0.0	–	0.0
130.0	30.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	7.4

Psettichthys melanostictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	2.9	–	–	0.0	–	0.0	0.0	–	–	2.3	–	0.0
60.0	52.0	0.0	–	–	0.0	–	3.2	0.0	–	–	0.0	–	0.0
63.0	50.0	3.0	–	–	0.0	–	0.0	0.0	–	–	2.0	–	0.0
63.0	52.0	0.0	–	–	19.1	–	0.0	0.0	–	–	0.0	–	0.0
67.0	48.0	0.0	–	–	0.0	–	8.7	–	–	–	0.0	–	0.0
67.0	50.0	0.0	–	–	26.0	–	0.0	0.0	–	–	0.0	–	0.0
77.0	48.0	0.0	–	–	1.0	–	0.0	2.2	–	–	0.0	–	0.0

Symphurus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	48.0	0.0	–	–	0.0	–	0.0	–	–	–	0.0	–	2.5
70.0	51.0	0.0	–	–	0.0	–	0.0	0.0	–	–	0.0	–	5.5
73.0	53.0	–	0.0	–	0.0	–	0.0	0.0	–	–	2.7	–	0.0
73.0	60.0	–	0.0	–	0.0	–	0.0	0.0	–	–	6.0	–	0.0
80.0	52.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	17.1	0.0	–	0.0
80.0	55.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	9.4	3.7	–	0.0
80.0	60.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	6.4	0.0	–	3.0
80.0	65.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0
82.0	47.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.2	3.2	–	0.0
83.0	40.0	–	0.0	–	0.0	0.0	0.0	–	0.0	0.0	5.2	–	0.0
83.0	43.0	–	0.0	–	0.0	0.0	2.7	0.0	16.1	0.0	0.0	–	0.0
83.0	51.0	–	0.0	–	0.0	0.0	0.0	0.0	3.5	16.1	0.0	–	0.0
83.0	55.0	–	0.0	–	0.0	0.0	0.0	0.0	3.5	2.8	0.0	–	0.0
83.0	65.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	6.5	0.0	–	0.0
83.0	70.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0
87.0	33.0	–	0.0	–	–	0.0	0.0	0.0	2.9	0.0	0.0	–	0.0
87.0	35.0	–	0.0	–	0.0	0.0	0.0	0.0	6.8	69.5	0.0	–	0.0
87.0	45.0	–	0.0	–	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0
87.0	55.0	–	0.0	–	0.0	0.0	0.0	7.1	0.0	0.0	0.0	–	0.0
87.0	65.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	3.1	0.0	–	0.0
90.0	28.0	–	0.0	0.0	–	0.0	0.0	0.0	21.2	0.0	0.0	–	0.0
90.0	30.0	–	–	–	–	–	–	–	7.4	–	–	–	–

TABLE 4. (cont.)

Symphurus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	32.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	2.9	0.0	-	3.2
90.0	37.0	-	0.0	0.0	-	0.0	0.0	3.3	0.0	16.4	3.3	-	0.0
90.0	70.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	-	-	0.0
93.0	27.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.1
93.0	28.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0
93.0	65.0	0.0	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.2	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	0.0	0.0	0.0	8.1	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	7.0	0.0	0.0
97.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.4	0.0	-	0.0
97.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
97.0	65.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	2.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0
100.0	40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	6.9	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
100.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0
107.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	3.3	-	0.0
107.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	6.1	3.0	3.2	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	3.3	0.0	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	2.6	0.0	0.0	-	0.0
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	9.6	0.0	0.0	0.0
113.0	30.0	0.0	-	0.0	0.0	0.0	-	0.0	20.9	3.4	0.0	0.0	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	6.3	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	0.0	0.0	-	8.9	10.1	3.1	0.0	0.0	0.0
117.0	30.0	0.0	-	0.0	0.0	0.0	-	7.8	11.2	3.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	27.6	0.0	2.5	0.0	0.0
117.0	40.0	0.0	-	0.0	0.0	0.0	-	0.0	11.2	3.3	0.0	-	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	38.9	0.0	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	2.9	0.0	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	27.8	11.2	3.1	0.0	-	0.0
119.0	33.0	0.0	-	0.0	0.0	0.0	-	37.2	37.8	0.0	0.0	0.0	0.0
120.0	24.0	0.0	-	0.0	0.0	0.0	-	0.0	18.5	0.0	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	1.9	40.1	0.0	0.0	2.6	0.0
120.0	30.0	0.0	-	0.0	0.0	0.0	-	4.2	9.4	0.0	0.0	0.0	0.0
120.0	35.0	0.0	-	0.0	0.0	0.0	-	11.1	15.0	3.1	0.0	0.0	0.0
120.0	40.0	0.0	-	0.0	0.0	0.0	-	8.0	10.3	0.0	2.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	0.0	-	0.0	5.7	-	9.9	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	5.7	-	0.0	-	0.0
120.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	51.2	-	0.0	-	0.0
120.0	60.0	0.0	-	0.0	0.0	0.0	-	0.0	6.5	-	-	-	0.0
123.0	37.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.0	0.0

TABLE 4. (cont.)

Symphurus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	45.0	9.3	-	-	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	10.7	-	0.0
127.0	34.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	5.5	5.9	0.0
127.0	40.0	-	5.1	-	0.0	0.0	-	3.0	5.9	-	0.0	0.0	0.0
127.0	60.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0	0.0	0.0
130.0	28.0	-	0.0	-	0.0	0.0	-	0.0	35.4	-	0.0	-	0.0
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	43.2	-	26.8	3.8	0.0
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.6	9.8	0.0
130.0	40.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	7.2	9.3	0.0
130.0	50.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	5.9	0.0	0.0
130.0	60.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	8.4	0.0	0.0
131.5	37.5	-	-	-	-	-	-	-	-	-	-	19.0	-
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	16.9	-	4.7	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	32.8	5.7	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	0.0	9.4	-	0.0	0.0	0.0
133.0	35.0	-	0.0	-	0.0	0.0	-	0.0	7.0	-	0.0	-	0.0
137.0	22.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	15.9	-	2.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.1	2.8	2.1
137.0	30.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
137.0	35.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
143.0	26.0	-	-	-	-	-	-	-	-	-	-	7.5	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	2.9	-
150.0	19.0	-	-	-	-	-	-	-	-	-	-	2.3	-

Disintegrated fish larva

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	10.1	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.4
60.0	52.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.5
60.0	55.0	0.0	-	-	0.0	-	0.0	0.0	-	-	3.0	-	0.0
60.0	60.0	0.0	-	-	2.9	-	0.0	0.0	-	-	0.0	-	0.0
60.0	65.0	0.0	-	-	3.0	-	6.5	-	-	-	-	-	-
60.0	70.0	0.0	-	-	3.0	-	0.0	0.0	-	-	0.0	-	0.0
60.0	80.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
60.0	90.0	0.0	-	-	-	-	0.0	3.6	-	-	0.0	-	0.0
63.0	50.0	1.5	-	-	0.0	-	1.2	0.0	-	-	0.0	-	4.3
63.0	52.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	7.3
63.0	55.0	2.5	-	-	3.0	-	3.3	0.0	-	-	0.0	-	0.0
63.0	60.0	0.0	-	-	6.4	-	3.2	0.0	-	-	0.0	-	3.1
63.0	65.0	-	-	-	17.5	-	0.0	-	-	-	-	-	-
67.0	48.0	0.0	-	-	0.0	-	0.0	-	-	-	0.0	-	5.0
67.0	50.0	0.0	-	-	17.3	-	0.0	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	3.0	-	0.0	0.0	-	-	-	-	0.0
67.0	65.0	-	-	-	6.0	-	0.0	-	-	-	-	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	-	-	-	0.0	-	0.0	3.0	-	-	0.0	-	0.0
70.0	53.0	3.4	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
70.0	60.0	4.0	-	-	0.0	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	0.0	-	-	2.9	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	5.0	-	0.0	6.2	-	-	0.0	-	3.0
70.0	80.0	0.0	-	-	0.0	-	0.0	3.3	-	-	0.0	-	2.9
70.0	90.0	0.0	-	-	-	-	3.0	0.0	-	-	0.0	-	0.0
73.0	50.0	-	0.0	-	0.0	-	2.7	0.0	-	-	0.0	-	3.0
73.0	53.0	-	10.7	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	2.8	-	0.0	0.0	-	-	0.0	-	0.0
77.0	51.0	3.2	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
77.0	55.0	-	0.0	-	5.0	-	10.5	0.0	-	-	0.0	-	0.0
77.0	70.0	-	-	-	2.7	-	0.0	0.0	-	-	0.0	-	0.0
77.0	90.0	0.0	-	-	0.0	-	3.1	0.0	-	-	0.0	-	-
80.0	51.0	-	1.4	-	0.0	0.0	3.2	0.0	1.8	0.0	0.0	-	0.0
80.0	52.0	-	8.1	-	3.0	0.0	0.0	0.0	0.0	3.4	3.7	-	0.0
80.0	55.0	-	0.0	-	6.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	60.0	-	1.7	-	0.0	3.5	2.8	0.0	0.0	0.0	0.0	-	0.0
80.0	65.0	-	1.7	-	2.4	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
80.0	70.0	-	1.9	-	5.4	3.3	2.9	0.0	0.0	0.0	0.0	-	0.0
80.0	80.0	-	0.0	-	0.0	6.9	0.0	0.0	0.0	0.0	0.0	-	0.0
82.0	47.0	-	1.6	-	6.1	5.5	8.6	0.0	0.0	0.0	3.2	-	0.0
83.0	40.0	-	0.7	-	1.5	3.5	1.4	-	1.2	0.0	0.0	-	0.0
83.0	43.0	-	1.6	-	0.0	8.8	5.4	0.0	9.7	0.0	3.1	-	0.0
83.0	51.0	-	0.0	-	0.0	6.2	0.0	0.0	0.0	2.7	0.0	-	0.0
83.0	55.0	-	1.6	-	0.0	0.0	3.0	0.0	0.0	8.3	0.0	-	0.0
83.0	60.0	-	3.1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	0.0	-	6.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	80.0	-	0.0	-	0.0	5.9	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	90.0	-	0.0	-	2.9	0.0	0.0	3.2	3.1	0.0	0.0	-	-
87.0	33.0	-	1.7	-	-	0.0	0.0	0.0	8.6	0.0	0.0	-	0.0
87.0	35.0	-	0.0	-	5.9	0.0	0.0	3.1	0.0	12.1	3.2	-	0.0
87.0	40.0	-	1.7	-	3.0	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
87.0	45.0	-	7.6	-	2.8	6.4	0.0	0.0	2.8	3.3	0.0	-	0.0
87.0	50.0	-	2.3	-	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
87.0	55.0	-	7.7	-	0.0	0.0	0.0	3.5	0.0	3.3	0.0	-	0.0
87.0	60.0	-	0.0	-	0.0	3.5	0.0	3.2	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	3.3
87.0	70.0	-	0.0	0.0	-	3.8	3.0	6.1	0.0	0.0	0.0	-	0.0
87.0	90.0	-	0.0	0.0	-	3.5	2.6	0.0	3.2	3.0	0.0	-	-
90.0	28.0	-	10.6	0.0	-	3.3	0.0	0.0	24.8	6.8	0.0	-	6.6
90.0	32.0	-	6.3	0.0	-	6.9	3.3	3.3	0.0	2.9	0.0	-	3.2
90.0	37.0	-	6.5	0.0	-	0.0	0.0	0.0	0.0	0.0	10.0	-	0.0
90.0	45.0	-	3.5	0.0	-	0.0	0.0	0.0	0.0	3.2	0.0	-	0.0
90.0	50.0	-	3.3	-	-	0.0	-	-	0.0	9.5	-	-	-
90.0	53.0	-	-	0.0	-	-	17.3	0.0	-	-	0.0	-	3.2

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 55.0	-	0.0	-	-	0.0	-	-	3.2	0.0	-	-	-
90.0 60.0	-	0.0	0.0	-	7.3	5.7	0.0	0.0	6.5	0.0	-	0.0
90.0 65.0	-	0.0	0.0	-	3.4	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 70.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-	3.3
90.0 80.0	-	6.0	0.0	-	10.5	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0 90.0	-	0.0	0.0	-	0.0	2.9	3.0	0.0	3.1	0.0	-	0.0
90.0 110.0	-	-	-	-	-	-	-	-	-	0.0	-	3.1
90.0 120.0	-	-	-	-	-	-	-	-	-	0.0	-	3.2
93.0 27.0	0.0	12.4	-	-	16.2	2.7	0.0	0.0	0.0	0.0	-	0.0
93.0 28.0	0.0	5.1	0.0	-	16.5	0.0	6.2	0.0	0.0	0.0	-	0.0
93.0 30.0	0.0	0.0	12.8	-	1.5	2.9	6.3	0.0	0.0	0.0	-	0.0
93.0 35.0	0.0	2.2	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0 40.0	6.3	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	-	0.0
93.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	6.6	0.0	0.0	-	0.0
93.0 55.0	0.0	0.0	0.0	-	3.6	0.0	0.0	0.0	3.2	0.0	-	0.0
93.0 60.0	0.0	5.6	0.0	-	1.7	0.0	0.0	6.4	0.0	0.0	-	0.0
93.0 65.0	0.0	0.0	0.0	-	3.3	2.7	0.0	0.0	0.0	0.0	-	0.0
93.0 70.0	0.0	0.0	2.7	-	0.0	0.0	-	0.0	0.0	-	-	0.0
93.0 80.0	0.0	0.0	0.0	-	0.0	3.1	3.2	0.0	3.2	-	-	0.0
93.0 90.0	0.0	0.0	0.0	-	0.0	8.3	3.0	-	-	0.0	-	0.0
93.0 110.0	-	-	-	-	-	-	-	-	-	3.1	-	0.0
93.0 120.0	-	-	-	-	-	-	-	-	-	3.1	-	3.2
93.0 130.0	-	-	-	-	-	-	-	-	-	-	-	2.6
97.0 29.0	0.0	0.0	-	0.0	0.0	8.3	0.0	4.5	0.0	0.0	-	0.0
97.0 30.0	0.0	3.0	-	0.0	10.7	0.0	0.0	0.0	0.0	0.0	-	0.0
97.0 32.0	0.0	-	4.2	-	-	0.0	0.0	-	-	3.0	-	0.0
97.0 35.0	0.0	0.0	2.9	-	0.0	-	5.4	9.2	3.3	0.0	0.0	0.0
97.0 40.0	0.0	0.0	0.0	-	3.3	3.0	3.6	3.0	0.0	0.0	-	0.0
97.0 45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.1	6.5	0.0	0.0	2.5
97.0 50.0	0.0	2.9	0.0	-	0.0	2.9	0.0	0.0	0.0	2.0	-	0.0
97.0 55.0	0.0	3.2	3.1	-	0.0	3.3	3.5	0.0	3.0	0.0	-	0.0
97.0 60.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	3.3	0.0	-	0.0
97.0 65.0	0.0	0.0	0.0	-	0.0	3.0	0.0	8.8	0.0	0.0	-	0.0
97.0 70.0	0.0	3.2	0.0	-	0.0	0.0	3.1	0.0	3.2	2.3	-	5.4
97.0 80.0	0.0	0.0	0.0	-	0.0	8.7	0.0	0.0	2.9	0.0	-	0.0
97.0 90.0	0.0	0.0	0.0	-	0.0	0.0	12.3	-	-	-	-	-
100.0 29.0	0.0	0.0	-	0.0	2.9	0.0	2.0	0.0	0.0	0.0	-	2.9
100.0 30.0	2.8	0.0	-	0.0	3.0	0.0	2.4	2.8	0.0	0.0	-	2.7
100.0 35.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
100.0 40.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	0.0
100.0 45.0	0.0	0.0	-	3.7	0.0	6.1	0.0	0.0	0.0	11.3	0.0	0.0
100.0 50.0	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8
100.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	2.3
100.0 60.0	0.0	0.0	-	3.5	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0
100.0 65.0	8.7	28.1	-	0.0	0.0	0.0	0.0	0.0	3.1	11.7	-	0.0
100.0 70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	80.0	0.0	6.2	-	0.0	0.0	3.2	0.0	-	-	8.4	-	0.0
100.0	90.0	0.0	-	-	0.0	0.0	3.4	0.0	-	-	-	-	-
100.0	100.0	3.0	-	-	-	-	-	0.0	-	-	-	-	-
103.0	29.0	1.1	0.0	-	0.0	0.0	-	0.0	12.6	0.0	0.0	-	1.1
103.0	30.0	0.0	10.2	-	0.0	7.6	-	5.5	0.0	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	0.0	-	6.5	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	0.0	-	0.0	0.0	-	1.7	0.0	3.3	0.0	-	0.0
103.0	45.0	0.0	0.0	-	3.0	0.0	-	3.3	0.0	0.0	0.0	0.0	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	6.7	0.0	3.2	9.4	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	3.4	3.5	0.0	15.8	0.0	-	-	0.0
103.0	60.0	0.0	3.3	-	0.0	0.0	6.5	0.0	0.0	0.0	0.0	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	3.2	5.1	0.0	3.2	0.0	-	0.0
103.0	70.0	5.9	0.0	-	0.0	0.0	0.0	0.0	9.1	3.1	0.0	-	0.0
103.0	80.0	6.1	3.2	-	0.0	0.0	6.4	0.0	-	-	-	-	5.4
103.0	90.0	-	-	-	9.7	3.2	3.2	-	-	-	-	-	-
107.0	31.0	0.0	1.4	-	5.7	0.0	-	0.0	0.0	0.0	0.0	-	2.5
107.0	32.0	3.3	0.0	-	0.0	0.0	-	3.0	0.0	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	3.4	0.0	-	3.2	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	6.1	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	3.6	6.6	-	0.0	3.2	0.0	0.0	0.0	0.0
107.0	50.0	0.0	0.0	-	3.4	0.0	-	0.0	13.4	0.0	0.0	-	3.8
107.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	2.7	0.0	7.6	-	2.1
107.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	3.0	0.0	-	0.0
107.0	65.0	0.0	-	3.3	3.9	0.0	-	0.0	11.9	15.5	10.9	-	0.0
107.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	6.2	6.6	-	0.0
107.0	90.0	-	-	-	0.0	3.0	-	-	-	-	-	-	-
110.0	32.0	0.0	-	2.1	3.4	0.0	-	0.0	0.0	2.2	0.0	-	2.2
110.0	35.0	5.9	-	0.0	0.0	6.8	-	0.0	0.0	12.8	0.0	3.2	0.0
110.0	40.0	0.0	-	0.0	0.0	6.7	-	-	0.0	6.5	0.0	-	0.0
110.0	45.0	0.0	-	2.9	0.0	0.0	-	3.2	0.0	9.9	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	3.2	0.0	-	2.6	0.0	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	3.5	-	12.7	6.0	0.0	0.0	-	0.0
110.0	60.0	3.0	-	0.0	0.0	0.0	-	14.9	6.4	3.1	3.1	-	0.0
110.0	65.0	2.8	-	3.2	0.0	9.6	-	2.9	16.0	6.0	0.0	-	0.0
110.0	70.0	0.0	-	0.0	0.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0
110.0	80.0	3.1	-	0.0	0.0	0.0	-	0.0	-	-	-	-	0.0
113.0	29.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	30.0	0.0	-	2.8	0.0	0.0	-	4.5	2.6	0.0	0.0	0.0	0.0
113.0	35.0	3.1	-	3.2	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
113.0	45.0	0.0	-	0.0	0.0	20.5	-	0.0	3.2	6.1	0.0	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	12.6	0.0	0.0	-	0.0
113.0	55.0	0.0	-	3.3	0.0	0.0	-	0.0	0.0	0.0	6.4	-	0.0
113.0	60.0	0.0	-	3.3	0.0	-	-	9.8	6.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	0.0	3.4	-	0.0	0.0	6.4	6.0	-	0.0
113.0	70.0	3.0	-	0.0	0.0	0.0	-	6.3	6.6	3.0	0.0	-	0.0
113.0	80.0	8.2	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	25.0	0.0	-	0.0	2.4	0.0	-	1.4	0.0	5.2	0.0	-	0.0
117.0	26.0	0.0	-	2.8	6.4	0.0	-	0.0	0.0	0.0	0.0	0.0	11.7
117.0	30.0	0.0	-	2.7	3.8	3.0	-	13.0	0.0	3.0	0.0	0.0	0.0
117.0	35.0	2.8	-	13.4	0.0	0.0	-	12.8	3.1	0.0	0.0	0.0	0.0
117.0	40.0	0.0	-	10.4	0.0	3.2	-	3.3	0.0	3.3	0.0	-	0.0
117.0	45.0	3.2	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	11.4	-	0.0	3.2	2.9	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	6.5	-	0.0	3.0	2.9	0.0	-	5.5
117.0	60.0	0.0	-	0.0	0.0	3.3	-	0.0	6.6	5.9	0.0	-	0.0
117.0	65.0	0.0	-	12.5	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	8.9	0.0	3.1	-	0.0
117.0	80.0	0.0	-	-	0.0	6.1	-	0.0	-	-	-	-	5.6
118.0	39.0	-	-	-	8.7	3.3	-	3.1	0.0	0.0	0.0	-	2.6
119.0	33.0	5.7	-	0.0	7.2	14.8	-	0.0	2.9	0.0	0.0	0.0	2.7
120.0	24.0	0.0	-	0.0	0.0	1.6	-	0.0	2.3	0.0	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	0.0	-	0.0	10.7	0.0	2.6	0.0	0.0
120.0	30.0	5.4	-	0.0	6.4	0.0	-	4.2	0.0	0.0	0.0	5.2	0.0
120.0	35.0	0.0	-	10.0	0.0	0.0	-	8.3	2.5	0.0	0.0	0.0	0.0
120.0	40.0	2.0	-	0.0	0.0	0.0	-	1.6	2.1	0.0	4.0	-	0.0
120.0	45.0	0.0	-	0.0	3.2	3.7	-	0.0	0.0	-	0.0	0.0	0.0
120.0	50.0	3.0	-	0.0	0.0	8.9	-	3.2	2.9	-	3.2	-	2.8
120.0	55.0	0.0	-	0.0	0.0	3.5	-	5.2	0.0	-	0.0	-	0.0
120.0	60.0	0.0	-	2.9	0.0	0.0	-	0.0	0.0	-	-	-	3.1
120.0	65.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	12.6	-	5.3
120.0	70.0	6.0	-	-	5.7	3.4	-	0.0	0.0	-	0.0	-	0.0
120.0	80.0	2.9	-	-	0.0	0.0	-	0.0	-	-	-	-	0.0
123.0	36.0	0.0	-	-	1.7	0.0	-	0.0	5.7	-	1.9	-	0.0
123.0	37.0	-	2.9	-	2.5	0.0	-	0.0	0.0	-	0.0	0.0	0.0
123.0	40.0	0.0	-	-	-	6.7	-	-	0.0	-	-	0.0	-
123.0	42.0	-	-	-	0.0	-	-	2.6	-	-	0.0	-	0.0
123.0	45.0	6.2	-	-	0.0	6.8	-	0.0	0.0	-	0.0	-	0.0
123.0	50.0	0.0	-	-	6.9	3.4	-	6.2	0.0	-	12.0	0.0	0.0
123.0	55.0	0.0	-	-	0.0	6.5	-	0.0	0.0	-	6.2	-	0.0
123.0	60.0	3.0	-	-	0.0	6.6	-	0.0	0.0	-	2.9	0.0	0.0
127.0	33.0	-	0.0	-	0.0	0.0	-	0.0	2.6	-	0.0	-	0.0
127.0	34.0	-	0.0	-	0.0	0.0	-	0.0	8.0	-	0.0	3.0	2.6
127.0	40.0	-	0.0	-	3.7	9.8	-	0.0	0.0	-	0.0	3.3	0.0
127.0	45.0	-	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0	-	0.0
127.0	50.0	-	2.6	-	0.0	0.0	-	3.2	6.3	-	0.0	0.0	0.0
127.0	55.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
127.0	60.0	-	0.0	-	12.0	10.9	-	0.0	0.0	-	0.0	3.2	0.0
127.0	65.0	-	0.0	-	-	0.0	-	2.8	-	-	-	-	-
130.0	28.0	-	0.0	-	0.0	1.8	-	0.0	0.0	-	6.9	-	6.2
130.0	30.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0	3.8	2.5
130.0	35.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	6.6
130.0	40.0	-	5.6	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	45.0	-	8.3	-	0.0	40.8	-	0.0	0.0	-	5.9	-	0.0
130.0	50.0	-	6.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
130.0	55.0	-	3.2	-	0.0	7.0	-	0.0	0.0	-	0.0	-	0.0
130.0	60.0	-	0.0	-	7.3	0.0	-	14.1	11.7	-	0.0	0.0	0.0
130.0	65.0	-	-	-	-	0.0	-	2.9	-	-	-	-	-
130.0	90.0	-	0.0	-	-	-	-	2.6	-	-	-	-	-
133.0	23.0	-	0.0	-	0.0	0.0	-	0.0	11.2	-	7.0	-	2.3
133.0	25.0	-	0.0	-	0.0	0.0	-	2.8	3.2	-	0.0	8.6	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	5.3	25.0	-	2.8	0.0	0.0
133.0	35.0	-	0.0	-	7.0	3.3	-	0.0	7.0	-	0.0	-	0.0
133.0	40.0	-	3.1	-	0.0	0.0	-	0.0	50.4	-	0.0	0.0	0.0
133.0	45.0	-	20.5	-	0.0	0.0	-	0.0	0.0	-	0.0	-	-
133.0	50.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	3.0	-
133.0	55.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	2.6	-	-
133.0	60.0	-	0.0	-	0.0	0.0	-	8.8	0.0	-	5.3	0.0	-
137.0	22.0	-	21.4	-	0.0	0.0	-	4.2	2.8	-	4.5	-	0.0
137.0	23.0	-	0.0	-	0.0	0.0	-	0.0	84.3	-	4.2	2.8	0.0
137.0	30.0	-	9.6	-	0.0	0.0	-	0.0	24.7	-	0.0	0.0	2.7
137.0	35.0	-	13.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	40.0	-	14.9	-	0.0	0.0	-	0.0	3.0	-	2.6	0.0	0.0
137.0	45.0	-	0.0	-	3.5	0.0	-	-	0.0	-	0.0	-	-
137.0	50.0	-	0.0	-	3.6	6.5	-	2.9	6.1	-	0.0	0.0	-
137.0	55.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	-
140.0	30.0	-	-	-	-	-	-	-	-	-	-	2.8	-
143.0	30.0	-	-	-	-	-	-	-	-	-	-	2.9	-
147.0	30.0	-	-	-	-	-	-	-	-	-	-	3.1	-
147.0	60.0	-	-	-	-	-	-	-	-	-	-	6.1	-
153.0	20.0	-	-	-	-	-	-	-	-	-	-	8.9	-

Unidentified fish larva

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	2.9	-	-	2.8	-	0.0	0.0	-	-	0.0	-	24.4
60.0	52.0	2.6	-	-	5.1	-	0.0	0.0	-	-	0.0	-	0.0
60.0	55.0	2.8	-	-	0.0	-	0.0	0.0	-	-	44.7	-	0.0
60.0	60.0	0.0	-	-	0.0	-	0.0	3.2	-	-	0.0	-	5.5
60.0	70.0	0.0	-	-	0.0	-	0.0	3.2	-	-	0.0	-	0.0
63.0	50.0	0.0	-	-	0.0	-	0.0	0.0	-	-	0.0	-	4.3
63.0	52.0	0.0	-	-	4.8	-	2.8	0.0	-	-	2.9	-	0.0
63.0	60.0	0.0	-	-	0.0	-	0.0	3.3	-	-	0.0	-	0.0
63.0	70.0	-	-	-	0.0	-	0.0	0.0	-	-	-	-	3.1
67.0	48.0	0.0	-	-	0.0	-	0.0	-	-	-	2.5	-	2.5
67.0	50.0	0.0	-	-	2.9	-	0.0	0.0	-	-	0.0	-	0.0
67.0	55.0	2.9	-	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
67.0	60.0	0.0	-	-	0.0	-	3.1	0.0	-	-	-	-	3.0

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	65.0	-	-	-	3.0	-	0.0	-	-	-	-	-	-
67.0	70.0	-	-	-	0.0	-	0.0	0.0	-	-	0.0	-	2.9
67.0	90.0	-	-	-	-	-	0.0	0.0	-	-	3.3	-	-
70.0	51.0	0.0	-	-	2.9	-	0.0	0.0	-	-	0.0	-	0.0
70.0	60.0	0.0	-	-	3.1	-	0.0	0.0	-	-	-	-	0.0
70.0	65.0	3.5	-	-	0.0	-	0.0	-	-	-	-	-	-
70.0	70.0	0.0	-	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
73.0	70.0	-	-	-	0.0	-	3.2	0.0	-	-	0.0	-	0.0
73.0	90.0	-	-	-	0.0	-	3.3	0.0	-	-	-	-	-
77.0	48.0	9.1	-	-	0.0	-	5.0	2.2	-	-	2.2	-	0.0
77.0	55.0	-	0.0	-	2.5	-	0.0	0.0	-	-	0.0	-	0.0
77.0	65.0	-	-	-	2.7	-	0.0	-	-	-	-	-	-
80.0	51.0	-	0.0	-	0.0	0.0	6.5	0.0	0.0	0.0	0.0	-	3.0
80.0	52.0	-	1.6	-	0.0	6.3	3.1	0.0	3.0	17.1	0.0	-	0.0
80.0	55.0	-	0.0	-	3.3	0.0	0.0	0.0	0.0	3.1	0.0	-	0.0
80.0	65.0	-	1.7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
80.0	70.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
80.0	90.0	-	1.6	-	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0
83.0	40.0	-	20.3	-	5.2	0.0	4.1	-	1.2	0.0	0.0	-	2.0
83.0	43.0	-	0.0	-	6.1	0.0	24.1	0.0	0.0	3.3	0.0	-	0.0
83.0	51.0	-	0.0	-	2.9	3.1	0.0	2.9	0.0	2.7	0.0	-	2.9
83.0	55.0	-	1.6	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	65.0	-	1.7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
83.0	90.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.3	-	-
87.0	33.0	-	1.7	-	-	3.3	6.5	4.9	2.9	5.2	2.9	-	6.1
87.0	35.0	-	1.7	-	0.0	3.5	0.0	0.0	0.0	15.1	0.0	-	0.0
87.0	40.0	-	0.0	-	3.0	3.3	0.0	0.0	0.0	0.0	0.0	-	0.0
87.0	45.0	-	1.9	-	0.0	0.0	8.9	3.4	0.0	0.0	0.0	-	0.0
87.0	60.0	-	0.0	-	4.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0
87.0	65.0	-	0.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
87.0	70.0	-	0.0	0.0	-	0.0	3.0	9.1	0.0	0.0	0.0	-	0.0
87.0	80.0	-	0.0	0.0	-	7.3	0.0	0.0	3.2	0.0	0.0	-	0.0
87.0	90.0	-	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-
90.0	28.0	-	0.0	2.6	-	0.0	0.0	6.7	88.5	3.4	0.0	-	0.0
90.0	30.0	-	-	-	-	-	-	-	7.4	-	-	-	-
90.0	32.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	3.4	-	0.0
90.0	50.0	-	0.0	-	-	6.8	-	-	0.0	3.2	-	-	-
90.0	53.0	-	-	0.0	-	-	5.8	3.6	-	-	0.0	-	0.0
90.0	60.0	-	0.0	0.0	-	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0
90.0	65.0	-	0.0	0.0	-	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0
90.0	80.0	-	0.0	0.0	-	0.0	8.4	0.0	0.0	0.0	3.2	-	0.0
90.0	90.0	-	0.0	0.0	-	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	7.4	2.5	-	-	6.5	10.9	6.1	3.6	0.0	0.0	-	0.0
93.0	28.0	3.5	2.6	0.0	-	38.5	2.9	0.0	4.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	-	0.0	0.0	0.0	6.8	0.0	3.0	-	0.0
93.0	35.0	0.0	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	50.0	0.0	0.0	0.0	-	1.8	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	0.0	-	17.9	3.1	0.0	0.0	0.0	0.0	-	0.0
93.0	60.0	0.0	0.0	3.0	-	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	0.0	-	0.0	0.0	-	3.6	0.0	-	-	0.0
93.0	80.0	0.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	-	-	0.0
93.0	90.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-	0.0	-	2.6
97.0	29.0	0.0	0.0	-	0.0	7.9	82.8	0.0	4.5	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	4.3	37.4	24.6	0.0	5.4	0.0	2.4	-	0.0
97.0	32.0	0.0	-	0.0	-	-	0.0	6.8	-	-	0.0	-	0.0
97.0	35.0	0.0	0.0	0.0	-	0.0	-	0.0	3.1	0.0	0.0	0.0	0.0
97.0	45.0	3.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	55.0	3.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	1.9	-	0.0
97.0	60.0	0.0	0.0	0.0	-	3.5	0.0	3.3	0.0	3.3	0.0	-	0.0
97.0	65.0	0.0	3.0	0.0	-	0.0	0.0	6.3	0.0	0.0	0.0	-	0.0
97.0	70.0	0.0	0.0	0.0	-	14.4	0.0	0.0	2.9	0.0	0.0	-	0.0
97.0	80.0	0.0	0.0	0.0	-	0.0	11.6	5.7	0.0	2.9	0.0	-	0.0
97.0	90.0	0.0	0.0	0.0	-	3.4	6.1	0.0	-	-	-	-	-
100.0	29.0	0.0	0.0	-	6.0	20.2	5.8	0.0	0.0	0.0	0.0	-	0.0
100.0	30.0	2.8	0.0	-	8.6	6.1	6.6	0.0	5.7	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	3.0	0.0	0.0	2.9	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
100.0	50.0	0.0	0.0	-	0.0	3.9	3.3	0.0	3.2	0.0	0.0	-	0.0
100.0	55.0	0.0	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
100.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	5.9	-	0.0
100.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	5.5	3.2	0.0	-	0.0
100.0	80.0	0.0	6.2	-	3.6	7.1	6.5	5.8	-	-	0.0	-	0.0
103.0	29.0	0.0	1.0	-	1.5	0.0	-	3.2	3.1	0.0	0.0	-	0.0
103.0	30.0	0.0	2.5	-	0.0	0.0	-	5.5	0.0	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	3.3	-	3.3	0.0	0.0	3.9	0.0	0.0
103.0	45.0	0.0	0.0	-	6.1	0.0	-	1.7	0.0	3.1	0.0	3.0	0.0
103.0	50.0	0.0	0.0	-	0.0	0.0	3.4	0.0	9.7	0.0	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	3.4	10.4	3.0	0.0	0.0	-	-	0.0
103.0	60.0	0.0	0.0	-	0.0	0.0	3.3	3.3	3.2	0.0	0.0	-	0.0
103.0	65.0	0.0	0.0	-	0.0	0.0	0.0	0.0	21.1	0.0	0.0	-	0.0
103.0	70.0	0.0	3.2	-	0.0	0.0	0.0	0.0	15.1	0.0	0.0	-	0.0
103.0	90.0	-	-	-	0.0	6.3	9.6	-	-	-	-	-	-
107.0	31.0	0.0	4.2	-	0.0	0.0	-	0.0	2.0	0.0	0.0	-	7.5
107.0	35.0	0.0	0.0	-	0.0	7.1	-	0.0	10.0	0.0	5.1	0.0	0.0
107.0	40.0	0.0	0.0	-	0.0	10.3	-	3.5	3.1	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0
107.0	50.0	0.0	0.0	-	0.0	0.0	-	0.0	3.3	0.0	0.0	-	0.0
107.0	55.0	6.6	0.0	-	0.0	0.0	-	3.2	0.0	0.0	0.0	-	0.0
107.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	8.9	0.0	0.0	-	0.0
107.0	70.0	3.0	-	6.2	7.4	6.5	-	0.0	2.9	0.0	6.6	-	0.0
107.0	80.0	6.2	-	0.0	0.0	0.0	-	0.0	-	-	-	-	0.0
110.0	32.0	0.0	-	0.0	0.0	0.0	-	0.0	4.0	0.0	0.0	-	0.0

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	35.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	0.0
110.0	40.0	0.0	-	0.0	3.8	0.0	-	-	3.2	0.0	0.0	-	0.0
110.0	41.0	-	-	-	-	-	-	5.2	-	-	-	-	-
110.0	45.0	2.7	-	5.9	0.0	3.3	-	0.0	2.9	0.0	0.0	0.0	0.0
110.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	2.8	0.0	0.0	-	0.0
110.0	55.0	0.0	-	0.0	0.0	0.0	-	0.0	6.0	0.0	0.0	-	0.0
110.0	60.0	0.0	-	0.0	0.0	0.0	-	29.9	3.2	0.0	3.1	-	0.0
110.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	6.4	0.0	10.6	-	0.0
110.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	-	0.0
110.0	80.0	0.0	-	3.1	0.0	0.0	-	0.0	-	-	-	-	3.0
110.0	90.0	0.0	-	-	3.9	0.0	-	-	-	-	-	-	-
113.0	29.0	0.0	-	0.0	11.0	0.0	-	5.1	44.5	0.0	0.0	-	3.3
113.0	30.0	0.0	-	0.0	0.0	0.0	-	9.0	28.7	1.7	2.7	0.0	0.0
113.0	35.0	0.0	-	0.0	0.0	0.0	-	3.3	0.0	3.2	3.2	0.0	2.3
113.0	40.0	0.0	-	0.0	3.1	0.0	-	0.0	0.0	0.0	0.0	-	0.0
113.0	45.0	0.0	-	0.0	0.0	3.4	-	0.0	3.2	0.0	2.9	0.0	0.0
113.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	6.3	0.0	0.0	-	0.0
113.0	55.0	2.9	-	0.0	0.0	3.1	-	0.0	2.7	0.0	0.0	-	0.0
113.0	60.0	3.0	-	0.0	0.0	-	-	0.0	3.0	0.0	0.0	-	0.0
113.0	65.0	0.0	-	0.0	0.0	0.0	-	0.0	7.3	0.0	0.0	-	0.0
113.0	70.0	0.0	-	0.0	0.0	0.0	-	0.0	13.3	0.0	0.0	-	0.0
113.0	80.0	0.0	-	-	3.0	0.0	-	0.0	-	-	-	-	0.0
117.0	25.0	0.0	-	1.5	0.0	0.0	-	14.1	0.0	0.0	0.0	-	0.0
117.0	26.0	0.0	-	0.0	6.4	0.0	-	29.6	30.4	0.0	0.0	0.0	0.0
117.0	30.0	2.8	-	0.0	0.0	3.0	-	33.9	0.0	0.0	0.0	0.0	0.0
117.0	35.0	0.0	-	0.0	0.0	0.0	-	10.3	0.0	9.8	0.0	0.0	0.0
117.0	40.0	0.0	-	0.0	3.6	0.0	-	26.4	5.6	6.5	0.0	-	0.0
117.0	45.0	0.0	-	0.0	13.4	3.3	-	0.0	3.2	0.0	0.0	0.0	0.0
117.0	50.0	0.0	-	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0
117.0	55.0	0.0	-	0.0	0.0	0.0	-	6.5	6.0	0.0	0.0	-	0.0
117.0	65.0	0.0	-	0.0	0.0	0.0	-	3.3	2.8	0.0	0.0	-	0.0
117.0	70.0	0.0	-	0.0	3.2	0.0	-	0.0	26.7	0.0	3.1	-	0.0
118.0	39.0	-	-	-	0.0	0.0	-	9.3	5.6	0.0	2.7	-	0.0
119.0	33.0	0.0	-	0.0	0.0	20.7	-	3.1	8.7	0.0	6.1	2.9	0.0
120.0	24.0	0.0	-	0.0	40.5	3.3	-	2.6	0.0	0.0	0.0	-	0.0
120.0	25.0	0.0	-	0.0	0.0	1.9	-	7.7	40.1	0.0	0.0	0.0	0.0
120.0	30.0	0.0	-	0.0	6.4	0.0	-	0.0	28.1	0.0	0.0	0.0	0.0
120.0	35.0	0.0	-	0.0	12.6	7.0	-	2.8	2.5	6.2	0.0	0.0	0.0
120.0	40.0	0.0	-	8.1	4.5	11.3	-	3.2	14.4	2.9	0.0	-	1.4
120.0	45.0	0.0	-	6.6	0.0	0.0	-	6.6	2.9	-	6.6	0.0	0.0
120.0	50.0	3.0	-	0.0	0.0	0.0	-	9.5	0.0	-	0.0	-	2.8
120.0	55.0	2.9	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0
120.0	60.0	0.0	-	0.0	3.6	0.0	-	3.1	9.7	-	-	-	0.0
120.0	65.0	0.0	-	-	0.0	3.4	-	3.2	0.0	-	0.0	-	5.3
120.0	70.0	0.0	-	-	0.0	3.4	-	0.0	5.8	-	0.0	-	0.0
120.0	80.0	0.0	-	-	0.0	3.3	-	0.0	-	-	-	-	0.0

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	36.0	0.0	-	-	0.0	0.0	-	5.6	22.7	-	15.4	-	0.0
123.0	37.0	-	2.9	-	5.0	8.2	-	0.0	3.0	-	0.0	5.9	0.0
123.0	40.0	0.0	-	-	-	0.0	-	-	3.2	-	-	0.0	-
123.0	45.0	0.0	-	-	0.0	3.4	-	0.0	0.0	-	5.4	-	0.0
123.0	50.0	3.0	-	-	0.0	0.0	-	6.2	0.0	-	0.0	3.0	0.0
123.0	55.0	0.0	-	-	3.3	3.3	-	2.9	0.0	-	3.1	-	0.0
123.0	60.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	2.9	0.0	0.0
123.0	70.0	0.0	-	-	-	0.0	-	2.9	-	-	-	-	-
123.0	80.0	2.9	-	-	-	-	-	7.4	-	-	-	-	-
127.0	33.0	-	6.6	-	2.2	0.0	-	2.4	38.4	-	40.1	-	20.6
127.0	34.0	-	2.8	-	0.0	0.0	-	0.0	50.5	-	27.6	0.0	18.3
127.0	40.0	-	2.5	-	3.7	0.0	-	3.0	5.9	-	3.1	0.0	0.0
127.0	45.0	-	6.5	-	0.0	0.0	-	0.0	0.0	-	24.2	-	0.0
127.0	50.0	-	0.0	-	0.0	0.0	-	3.2	6.3	-	2.7	0.0	0.0
127.0	55.0	-	0.0	-	0.0	0.0	-	16.3	0.0	-	0.0	-	0.0
127.0	60.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0	0.0	0.0
127.0	80.0	-	0.0	-	-	-	-	8.1	-	-	-	-	-
130.0	28.0	-	16.1	-	0.0	0.0	-	0.0	23.6	-	9.2	-	6.2
130.0	30.0	-	14.8	-	0.0	0.0	-	0.0	61.0	-	2.7	3.8	27.1
130.0	35.0	-	5.7	-	6.7	0.0	-	6.2	0.0	-	0.0	0.0	3.3
130.0	40.0	-	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	4.9
130.0	45.0	-	0.0	-	0.0	0.0	-	2.6	0.0	-	2.9	-	0.0
130.0	50.0	-	3.2	-	0.0	3.6	-	0.0	6.4	-	2.9	3.1	0.0
130.0	55.0	-	0.0	-	0.0	3.5	-	5.9	2.9	-	0.0	-	0.0
130.0	60.0	-	11.7	-	0.0	0.0	-	2.8	0.0	-	0.0	15.1	0.0
130.0	80.0	-	0.0	-	-	-	-	2.7	-	-	-	-	-
130.0	90.0	-	0.0	-	-	-	-	7.8	-	-	-	-	-
131.5	37.5	-	-	-	-	-	-	-	-	-	-	2.7	-
133.0	23.0	-	7.6	-	11.8	0.0	-	21.7	92.7	-	2.3	-	0.0
133.0	25.0	-	0.0	-	0.0	0.0	-	44.0	6.3	-	15.1	5.7	0.0
133.0	30.0	-	0.0	-	0.0	0.0	-	0.0	6.2	-	0.0	0.0	0.0
133.0	35.0	-	0.0	-	0.0	3.3	-	3.0	0.0	-	0.0	-	0.0
133.0	40.0	-	18.4	-	2.9	0.0	-	0.0	0.0	-	3.0	0.0	0.0
133.0	45.0	-	37.5	-	2.9	0.0	-	0.0	6.6	-	0.0	-	-
133.0	50.0	-	0.0	-	0.0	0.0	-	2.9	3.2	-	2.7	0.0	-
133.0	55.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	-	-
133.0	60.0	-	0.0	-	0.0	0.0	-	2.9	33.4	-	0.0	0.0	-
137.0	22.0	-	0.0	-	0.0	0.0	-	31.6	47.4	-	4.5	-	20.0
137.0	23.0	-	0.0	-	0.0	0.0	-	8.2	364.5	-	23.0	27.9	6.4
137.0	30.0	-	3.2	-	0.0	0.0	-	2.9	3.1	-	0.0	0.0	8.0
137.0	35.0	-	13.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
137.0	40.0	-	3.0	-	3.9	0.0	-	2.5	3.0	-	0.0	0.0	0.0
137.0	45.0	-	5.9	-	0.0	0.0	-	-	8.5	-	17.1	-	-
137.0	46.0	-	-	-	-	-	-	6.3	-	-	-	-	-
137.0	50.0	-	0.0	-	0.0	0.0	-	5.9	0.0	-	0.0	0.0	-
137.0	55.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	60.0	–	0.0	–	0.0	0.0	–	2.6	27.9	–	5.5	0.0	–
140.0	30.0	–	–	–	–	–	–	–	–	–	–	14.1	–
140.0	45.0	–	–	–	–	–	–	–	–	–	–	3.1	–
143.0	26.0	–	–	–	–	–	–	–	–	–	–	12.6	–
143.0	30.0	–	–	–	–	–	–	–	–	–	–	5.9	–
143.0	35.0	–	–	–	–	–	–	–	–	–	–	3.0	–
144.5	23.0	–	–	–	–	–	–	–	–	–	–	2.9	–
147.0	20.0	–	–	–	–	–	–	–	–	–	–	9.5	–
147.0	25.0	–	–	–	–	–	–	–	–	–	–	3.0	–
147.0	60.0	–	–	–	–	–	–	–	–	–	–	6.1	–
150.0	19.0	–	–	–	–	–	–	–	–	–	–	34.6	–
150.0	30.0	–	–	–	–	–	–	–	–	–	–	3.1	–
153.0	16.0	–	–	–	–	–	–	–	–	–	–	6.1	–
153.0	20.0	–	–	–	–	–	–	–	–	–	–	3.0	–
153.0	50.0	–	–	–	–	–	–	–	–	–	–	2.9	–
153.0	60.0	–	–	–	–	–	–	–	–	–	–	12.2	–

TABLE 5. Summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1961 to 1969. Taxa are listed in the same order as Table 4.

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Anguilliformes	7	8	20	8	24	17	5	3	13
Etrumeus acuminatus	4	7	36	37	35	26	7	1	9
Opisthonema spp.	–	–	–	–	2	3	–	–	–
Sardinops sagax	53	58	99	88	104	143	31	10	79
Engraulis mordax	408	454	567	707	618	987	150	188	880
Argentina sialis	18	49	33	37	49	93	21	18	98
Microstoma microstoma	12	19	11	31	17	48	9	19	73
Nansenia candida	9	13	5	7	9	39	6	12	32
Nansenia crassa	29	15	30	33	22	48	8	5	40
Bathylagus spp.	18	1	54	1	7	18	6	35	215
Bathylagus milleri	–	–	2	3	1	1	–	1	33
Bathylagus ochotensis	57	66	98	196	127	260	28	106	359
Bathylagus pacificus	5	7	8	38	3	26	–	15	80
Bathylagus wesethi	149	168	160	235	220	461	99	90	328
Leuroglossus stilbius	202	225	236	360	300	449	43	116	498
Dolichopteryx spp.	–	–	–	–	–	–	–	–	1
Macropinna microstoma	1	–	–	–	–	–	–	–	–
Osmeridae	–	–	2	–	–	–	–	–	1
Stomiiformes	12	4	3	6	1	6	9	1	4
Gonostomatidae	2	5	12	8	18	8	–	4	126
Cyclothone spp.	214	277	241	247	265	593	80	65	346
Diplophos taenia	5	5	7	–	3	11	1	1	7
Ichthyococcus spp.	4	11	11	13	7	35	5	2	34
Vinciguerria lucetia	342	371	383	369	436	828	121	82	479
Vinciguerria poweriae	3	7	3	4	3	6	–	–	1
Woodsia nonsuchae	–	–	1	–	–	–	–	–	–
Sternoptychidae	54	71	45	79	59	250	28	48	469
Astronesthidae	–	2	–	–	–	–	–	–	1
Chauliodus macouni	28	28	31	68	57	171	9	46	189
Idiacanthus antrostomus	48	43	26	32	33	72	15	22	114
Aristostomias scintillans	9	10	9	6	9	12	2	–	11
Bathophilus spp.	5	10	4	3	4	5	2	1	2
Eustomias spp.	1	1	–	1	1	–	–	1	–
Photonectes spp.	7	3	2	2	6	4	–	–	–
Tactostoma macropus	7	4	–	4	2	16	3	–	4
Stomias atriventer	58	76	98	81	100	326	24	46	214
Evermannellidae	1	3	1	1	1	–	–	–	–
Paralepididae	–	3	5	10	3	–	–	3	6
Lestidiops ringens	50	80	58	63	67	232	36	52	231
Notolepis risso	9	12	9	7	9	12	2	8	18
Paralepis atlantica	–	–	–	–	1	–	–	–	–
Stemonosudis macrura	4	6	–	2	6	5	–	1	1
Sudis atrox	2	4	–	2	4	–	–	–	–
Aulopus spp.	–	–	–	–	–	1	–	–	–
Scopelosaurus spp.	16	10	8	16	19	21	6	3	36
Scopelarchidae	67	60	50	21	33	114	29	13	93

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Myctophidae	165	151	179	220	222	346	33	79	329
Ceratoscopelus townsendi	149	157	128	146	156	302	37	23	153
Diaphus spp.	77	56	46	101	80	187	46	34	110
Lampadena urophaos	53	45	50	25	32	62	10	1	23
Lampanyctus spp.	148	139	199	155	183	401	67	65	550
Lampanyctus regalis	13	12	2	20	9	46	12	11	19
Lampanyctus ritteri	154	204	120	189	234	523	43	72	155
Notolychnus valdiviae	29	13	22	16	21	22	7	1	10
Notoscopelus resplendens	59	41	50	39	44	54	11	3	29
Parvilux ingens	-	-	-	-	-	-	-	-	1
Stenobrachius leucopsarus	177	179	186	342	263	420	31	127	390
Triphoturus mexicanus	407	422	451	448	494	990	142	92	556
Triphoturus nigrescens	4	-	-	-	1	-	-	-	-
Benthosema pterota	-	-	-	-	-	3	-	-	-
Centrobranchus spp.	2	10	-	2	2	-	1	-	2
Diogenichthys spp.	54	62	88	61	11	165	16	13	79
Diogenichthys atlanticus	102	155	92	111	116	171	38	46	210
Diogenichthys laternatus	94	127	161	163	249	361	63	32	210
Electrona rissoi	3	5	-	3	2	3	-	-	7
Gonichthys tenuiculus	20	24	29	46	81	146	16	12	48
Hygophum spp.	4	3	29	6	11	4	-	-	13
Hygophum atratum	27	38	41	44	103	178	21	6	81
Hygophum reinhardtii	39	58	27	20	27	9	7	-	10
Loweina rara	8	4	5	4	8	6	1	-	11
Myctophum nitidulum	46	42	31	32	19	58	11	8	59
Protomyctophum crockeri	247	252	225	292	261	671	109	139	717
Protomyctophum thompsoni	-	-	-	-	-	-	-	-	9
Symbolophorus californiensis	82	140	78	116	111	291	38	61	157
Tarletonbeania crenularis	160	115	111	140	132	208	10	73	277
Synodus spp.	19	23	41	35	42	121	23	-	54
Bregmaceros spp.	-	-	-	-	-	2	-	-	-
Microgadus proximus	-	-	-	3	-	2	-	-	-
Merluccius productus	152	228	229	290	290	398	25	95	361
Physiculus spp.	-	1	1	1	3	2	1	-	2
Macrouridae	4	6	6	5	3	5	2	3	14
Ophidiiformes	16	16	35	49	37	69	10	16	45
Brosmophycis marginata	-	2	3	3	7	17	5	8	16
Carapidae	-	1	-	1	-	-	-	-	-
Chilara taylori	12	31	15	11	29	55	15	-	28
Ophidion scrippsae	2	10	61	19	40	67	-	-	34
Porichthys spp.	1	-	1	1	-	1	1	-	2
Ceratioidei	15	26	17	7	18	43	-	-	30
Gobiesocidae	3	-	5	8	9	12	-	-	1
Exocoetidae	2	-	1	3	2	10	-	2	5
Hemiramphidae	-	-	-	2	1	-	-	-	-
Cololabis saira	11	6	13	22	9	31	3	10	32
Atherinidae	-	-	9	23	8	11	2	2	5
Trachipteridae	27	27	20	22	19	75	6	9	80
Eutaeniophoridae	-	-	-	-	-	-	-	-	5

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Melamphaes spp.	117	106	134	114	151	340	68	84	333
Poromitra spp.	13	18	28	28	32	51	6	14	27
Scopeloberyx robustus	4	2	2	–	7	–	–	–	2
Scopelogadus bispinosus	18	34	10	31	13	60	4	5	17
Macroramphosus gracilis	3	6	6	3	7	6	7	–	11
Syngnathus spp.	6	5	8	12	12	15	6	3	10
Agonidae	3	6	16	24	22	20	5	4	9
Anoplopoma fimbria	–	–	–	1	–	–	–	–	–
Cottidae	11	21	33	45	37	43	5	12	40
Scorpaenichthys marmoratus	3	3	7	13	20	15	–	5	24
Cyclopteridae	8	2	12	14	16	14	4	4	17
Hexagrammidae	–	1	–	2	1	1	–	1	6
Ophiodon elongatus	–	–	–	–	–	1	–	1	1
Oxylebius pictus	6	3	7	27	13	7	–	5	20
Zaniolepis spp.	2	9	12	11	7	26	7	3	19
Scorpaenidae	–	1	2	–	–	1	1	–	–
Scorpaena spp.	11	11	17	16	25	62	8	3	12
Sebastes spp.	311	273	289	492	387	698	81	207	705
Sebastolobus spp.	8	2	17	20	20	87	4	14	47
Prionotus spp.	10	9	40	15	30	25	–	–	19
Acanthuridae	–	–	1	–	–	–	–	–	–
Blennioidei	1	–	14	6	4	–	3	–	4
Hypsoblennius spp.	11	14	68	69	73	77	19	6	61
Clinidae	12	21	31	44	64	51	9	10	51
Gobiidae	31	41	87	80	104	198	36	19	138
Icosteus aenigmaticus	1	1	1	1	–	3	–	–	1
Labridae	–	2	9	–	7	–	2	3	–
Halichoeres spp.	12	12	40	18	36	50	4	1	28
Oxyjulis californica	23	22	34	15	31	97	23	15	58
Semicossyphus pulcher	6	10	21	7	27	28	4	–	8
Pomacentridae	–	–	10	4	8	5	–	–	–
Chromis punctipinnis	3	21	42	13	39	105	5	1	54
Hypsypops rubicundus	–	–	1	–	8	1	–	–	–
Mugil spp.	–	–	–	1	1	5	1	–	–
Apogonidae	–	–	–	–	–	1	–	–	–
Howella brodiei	16	7	–	5	4	3	1	1	4
Brama spp.	21	17	17	7	9	21	1	–	12
Carangidae	–	1	20	14	25	13	2	–	3
Seriola lalandi	5	12	15	7	14	30	5	4	9
Trachurus symmetricus	144	208	199	206	214	503	76	85	248
Caristius macropus	–	–	–	–	1	1	–	–	–
Coryphaena hippurus	–	7	2	1	10	5	1	–	1
Chaetodipterus zonatus	–	–	1	–	–	–	–	–	–
Gerreidae	–	2	15	10	14	12	2	–	4
Haemulidae	–	1	13	16	11	17	–	–	4
Girella nigricans	5	1	11	3	3	4	3	7	7
Medialuna californiensis	4	11	13	4	5	22	6	3	12
Caulolatilus princeps	4	3	2	3	7	5	1	–	2
Mullidae	–	–	2	–	–	–	–	–	–

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Sciaenidae	28	42	85	135	147	157	32	38	195
Serranidae	10	6	68	38	59	91	23	2	72
Sparidae	-	-	1	-	-	-	-	-	-
Polynemidae	-	-	-	-	-	1	-	-	-
Gempylidae	7	15	6	5	8	7	-	-	1
Scombridae	3	-	3	2	4	-	8	2	2
Auxis spp.	-	-	2	-	8	4	-	-	2
Sarda chiliensis	7	3	10	8	9	29	1	-	30
Scomber japonicus	26	32	57	39	34	68	14	-	24
Scomberomorus spp.	1	-	1	1	5	3	-	-	-
Trichiuridae	10	23	27	17	27	74	10	-	23
Sphyraena argentea	6	6	22	10	25	31	7	4	15
Icichthys lockingtoni	38	39	52	78	53	131	18	48	202
Nomeidae	-	-	1	1	1	2	-	-	1
Peprilus simillimus	2	19	19	18	45	52	22	11	45
Tetragonurus cuvieri	45	76	98	46	31	74	36	5	48
Chiasmodontidae	25	22	39	13	40	60	6	10	41
Pleuronectiformes	2	-	13	7	4	-	1	1	7
Bothus spp.	-	-	2	-	-	-	-	-	-
Citharichthys spp.	186	221	281	243	342	590	108	101	611
Citharichthys stigmaeus	50	97	65	73	65	171	19	42	269
Hippoglossina stomata	24	15	44	42	44	83	12	5	52
Paralichthys californicus	21	37	57	96	107	81	13	13	60
Syacium ovale	-	-	3	-	1	3	-	-	-
Xystreurys liolepis	1	9	15	18	8	30	4	-	22
Glyptocephalus zachirus	2	-	9	18	4	36	-	14	15
Hypsopsetta guttulata	1	-	4	5	10	3	-	-	6
Lepidopsetta bilineata	1	1	-	1	2	3	2	2	1
Lyopsetta exilis	32	31	33	46	33	72	4	20	65
Microstomus pacificus	2	-	11	13	16	52	13	17	56
Parophrys vetulus	14	32	41	41	81	80	6	21	80
Platichthys stellatus	-	-	-	-	-	3	-	-	-
Pleuronichthys spp.	4	3	10	12	1	-	10	3	1
Pleuronichthys coenosus	2	2	6	9	5	11	1	3	15
Pleuronichthys decurrens	1	4	-	1	4	11	-	2	11
Pleuronichthys ritteri	5	3	12	12	9	8	2	1	7
Pleuronichthys verticalis	10	47	56	74	88	81	24	18	66
Psettichthys melanostictus	1	1	5	12	9	10	-	4	14
Symphurus spp.	18	41	73	48	75	138	10	-	71
Soleidae	-	-	-	-	1	-	-	-	-
Tetraodontidae	-	-	-	-	3	-	-	-	-
Disintegrated fish larva	184	223	274	311	319	542	84	74	458
Unidentified fish larva	147	147	256	217	263	485	60	72	422

TABLE 6. List of stations which were occupied twice in one month during 1966.

Station		Month
80.0	51.0	2
80.0	52.0	2
80.0	60.0	2
80.0	65.0	2
80.0	70.0	2
80.0	80.0	2
80.0	90.0	2
80.0	100.0	2
82.0	47.0	2
83.0	40.0	2
83.0	43.0	2
83.0	51.0	2
83.0	55.0	2
83.0	60.0	2
83.0	65.0	2
83.0	70.0	2
83.0	80.0	2
83.0	90.0	2
87.0	33.0	2
87.0	35.0	2
87.0	40.0	2
87.0	45.0	2
87.0	50.0	2
87.0	55.0	2
93.0	28.0	5
93.0	30.0	5
93.0	40.0	5
93.0	50.0	5
93.0	60.0	5
93.0	70.0	5
93.0	80.0	5
93.0	90.0	5
103.0	30.0	7
103.0	35.0	7
103.0	40.0	7
103.0	45.0	7
127.0	50.0	11

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